



MATHEMATICS FOR PRIMARY TWO FIRST TERM

2026

PREPARED BY
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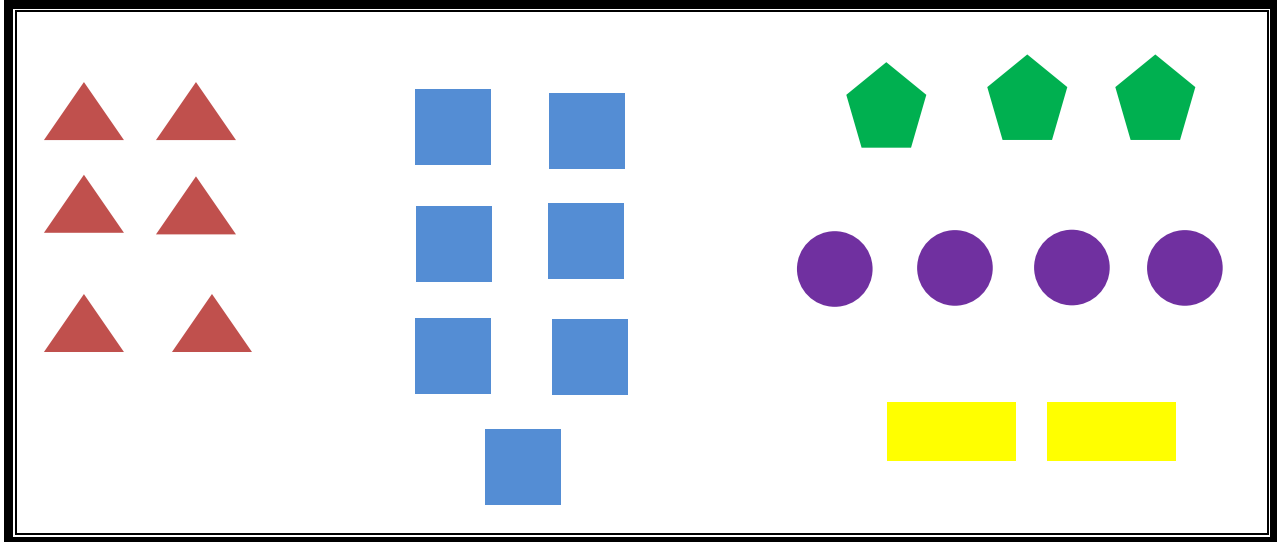




Sheet (1)

Collecting and Representing Data

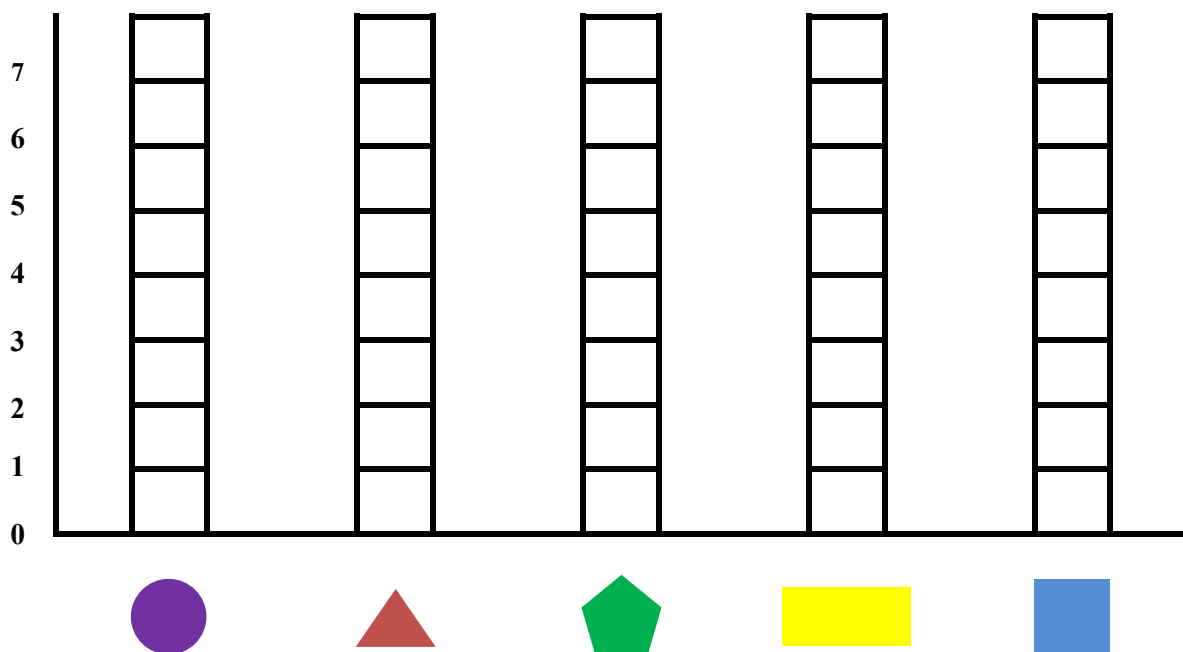
[1] Count the shapes then answer the questions:



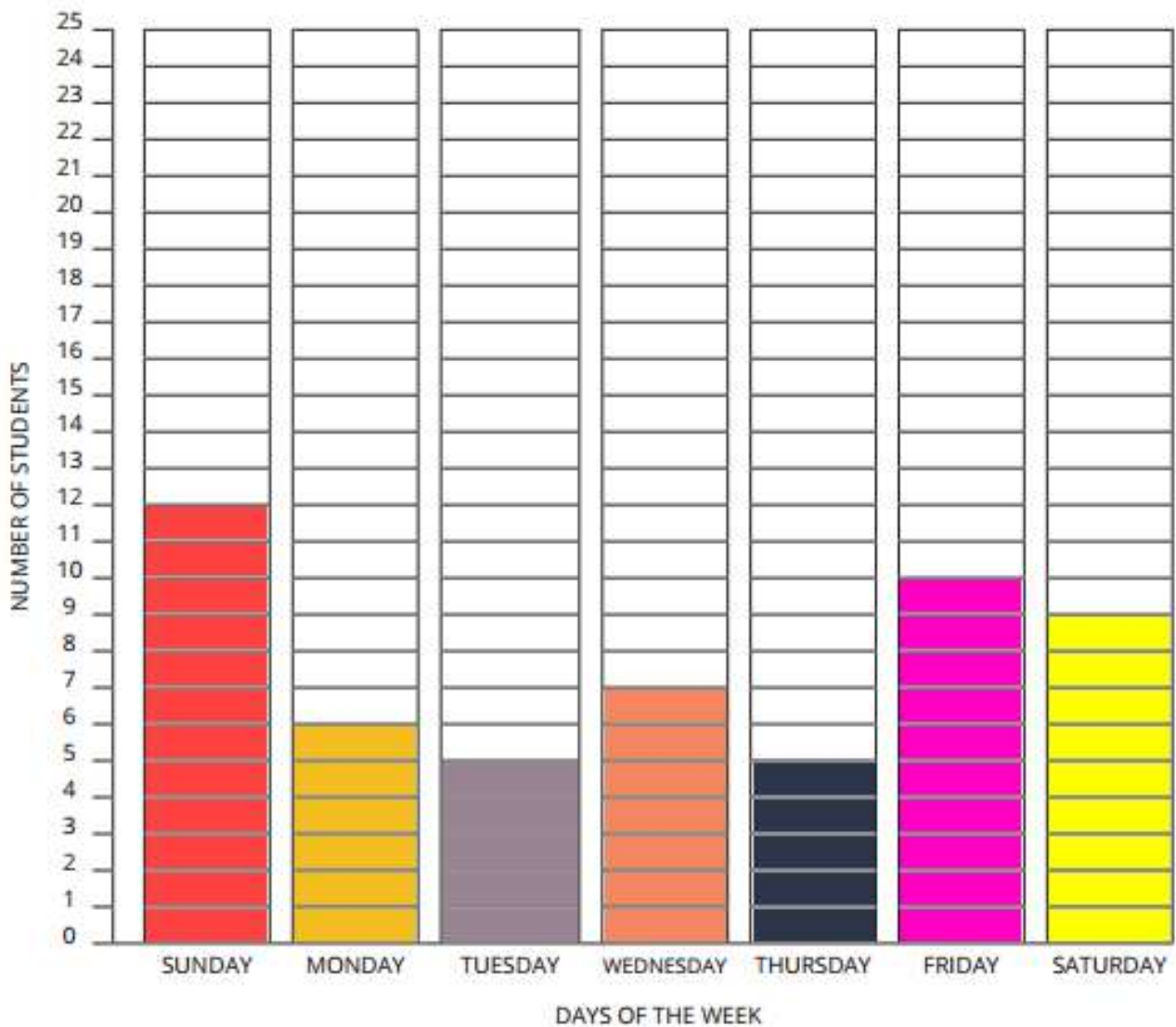
Complete the following table:

Shape					
Number					

Represent the previous table graphically:



[2] Notice the graph then answer the questions:



Complete the table:

Days	Sunday	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday
No. of pupils							

Complete:

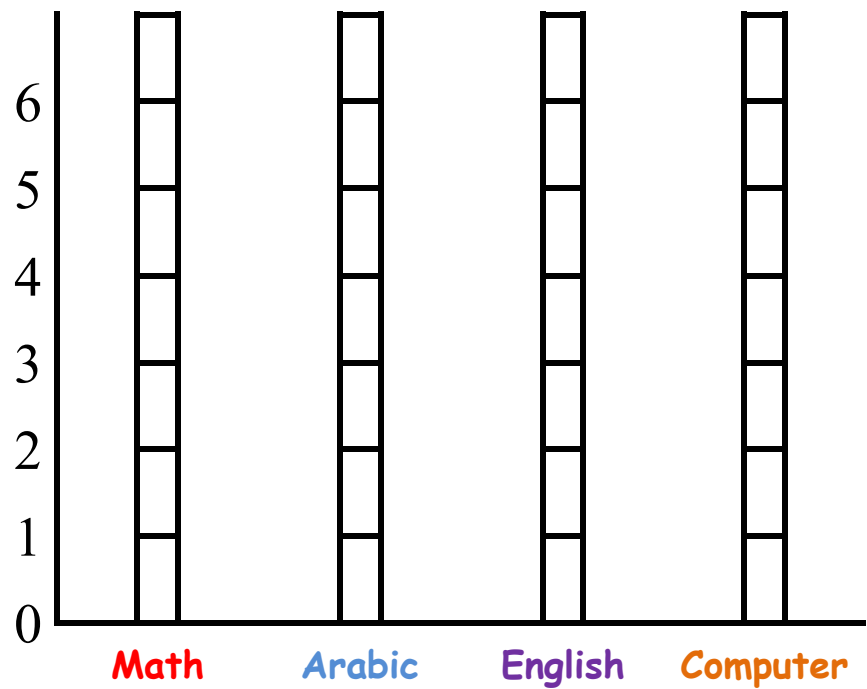
The favorite day in our class is





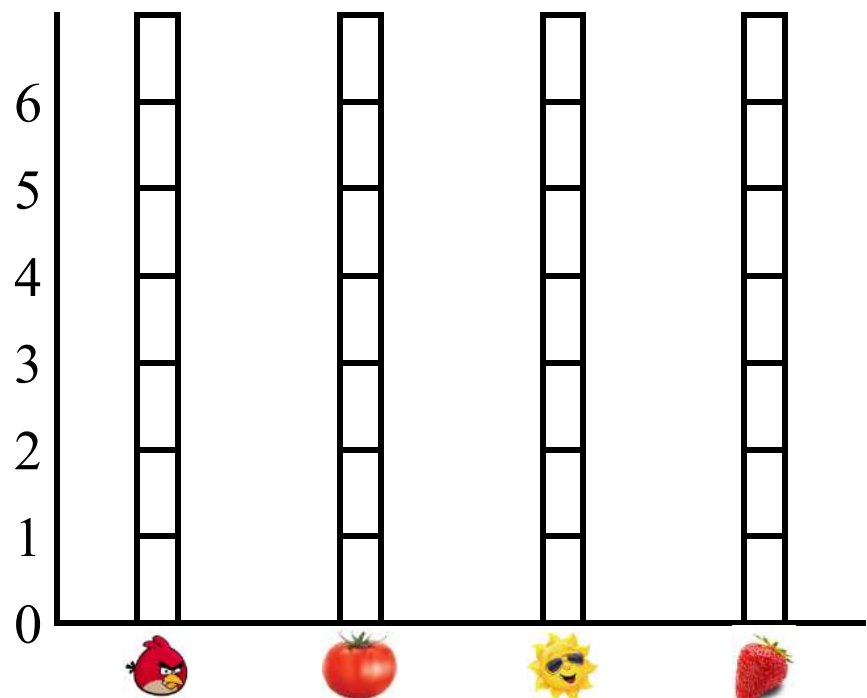
[3] Color the graph:

Preferred subject	Number
Math	4
Arabic	6
English	5
Computer	4



[4] Color the graph:

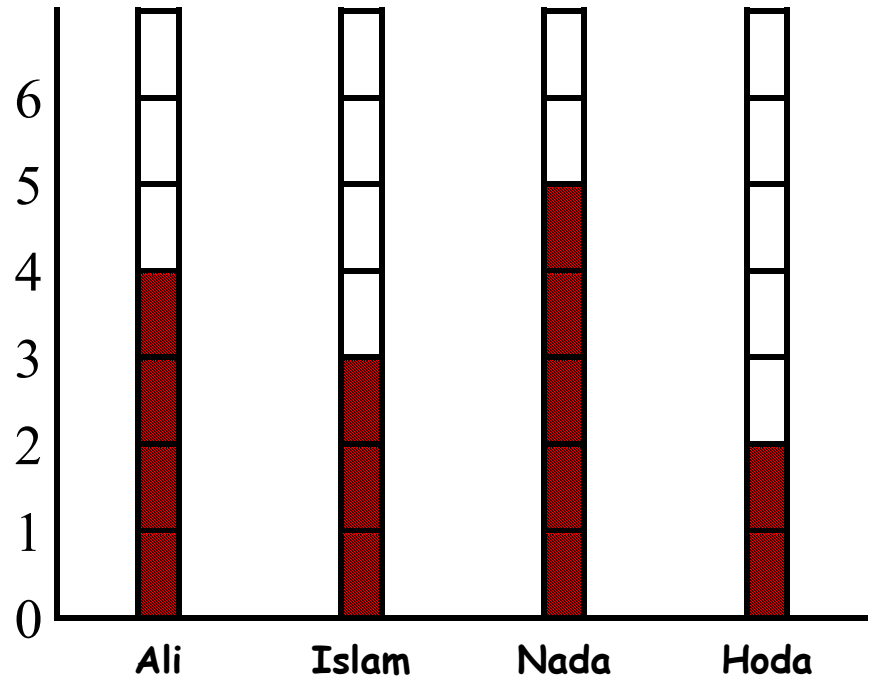
Preferred subject	Number
	5
	3
	4
	6





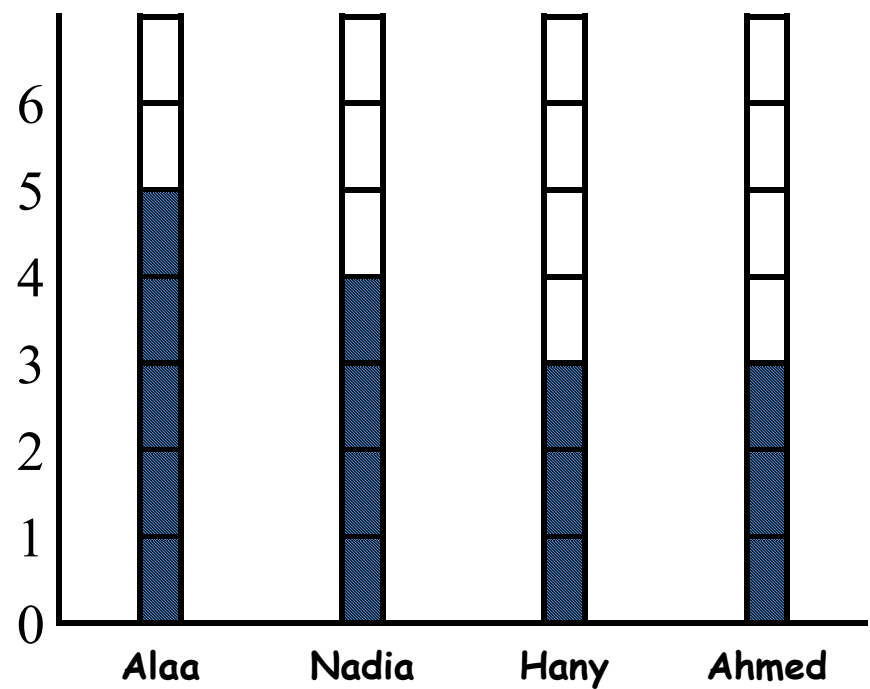
[5] Complete the following table:

Name	Money
Ali	
Islam	
Nada	
Hoda	

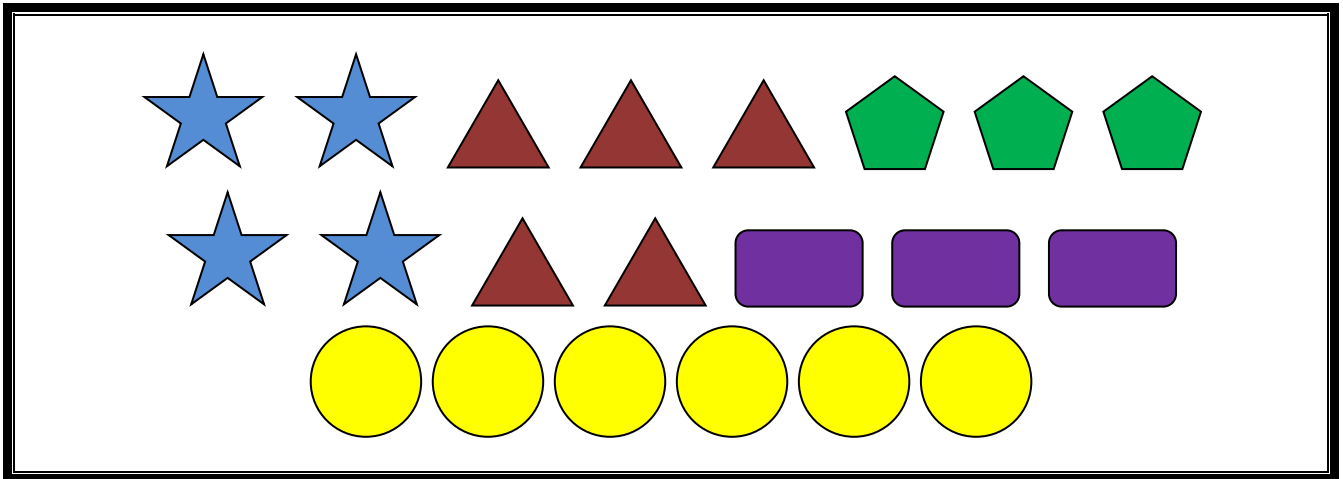


[6] Complete the following table:

Name	Money
Alaa	
Nadia	
Hany	
Ahmed	



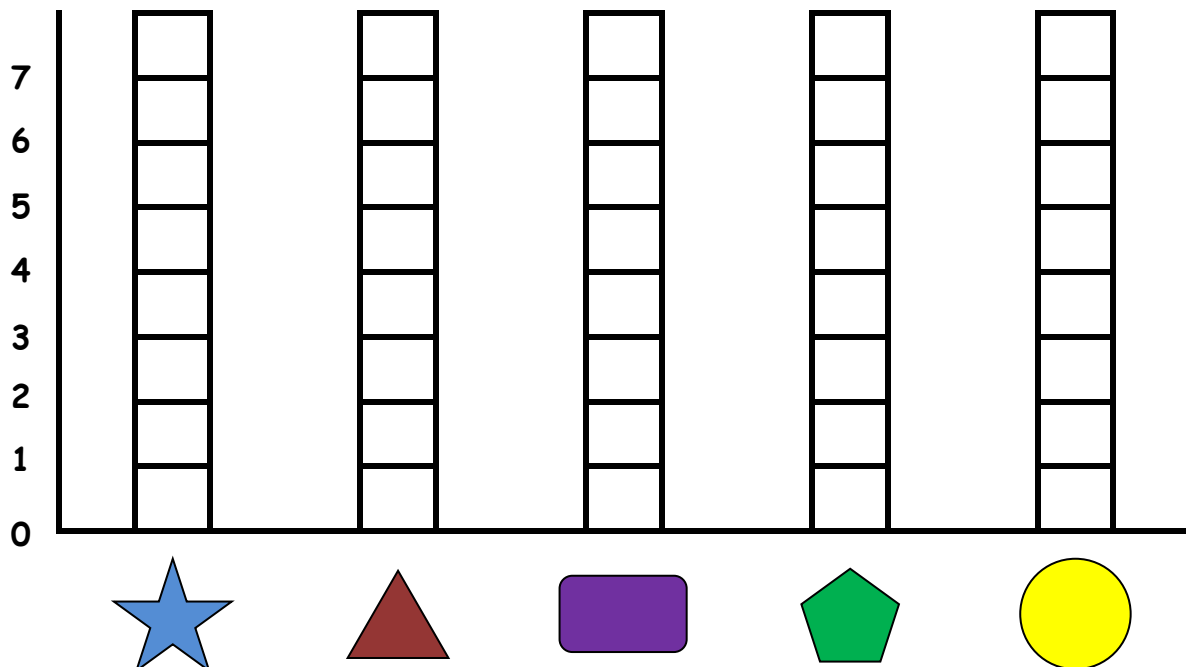
[7] Count the shapes then answer the questions:



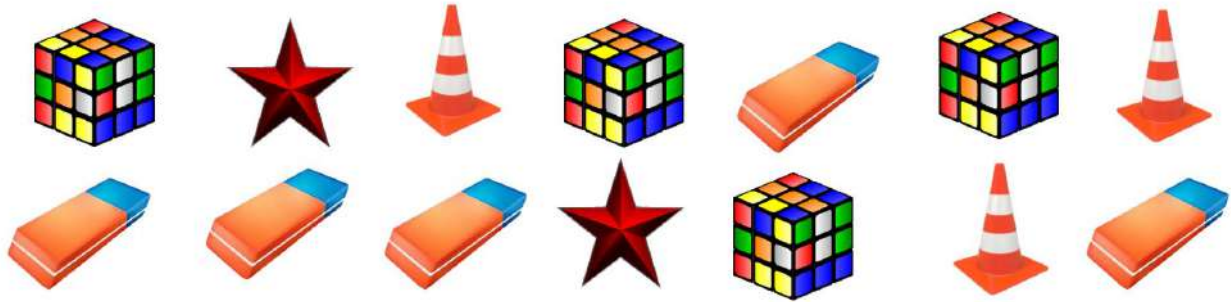
Complete the following table:

Shape					
Number					

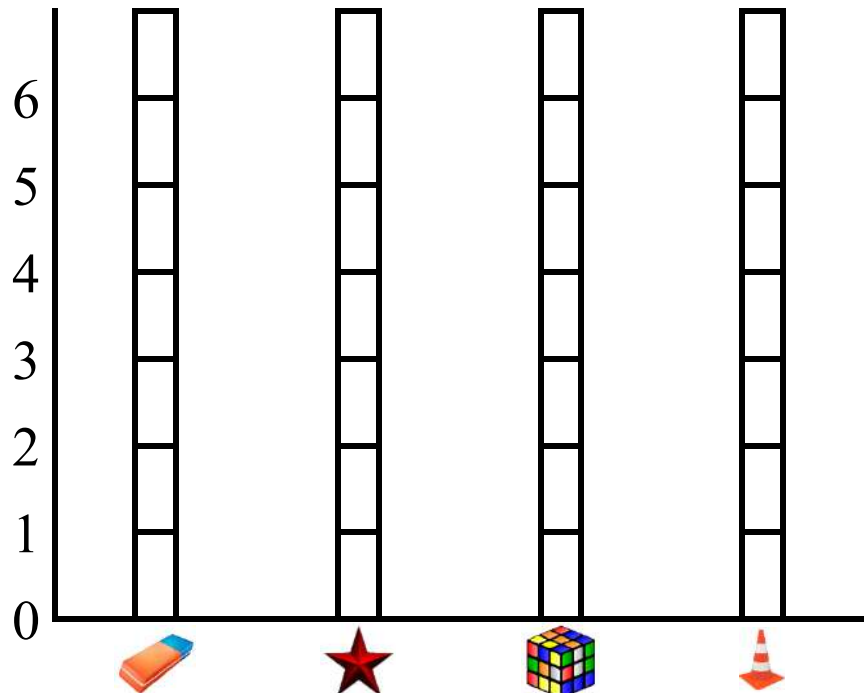
Represent the previous table graphically:



[8] Notice, and then answer the questions:



Preferred subject	Number
	
	
	
	



Complete using (<), (>) or (=):

No. of		No. of
No. of		No. of
No. of		No. of
No. of		No. of
No. of		No. of



[9] Use the key in pictograph to write the numbers in the table:

Favorite lunch	
Soup	      
Salad	  
Pizza	        
Spaghetti	    
Sandwich	     

Favorite lunch	
Food	Number
Soup	_____
Salad	_____
Pizza	_____
Spaghetti	_____
Sandwich	_____

Key



= 1 student



[10] Use the key in pictograph to write the numbers in the table:

Favorite juice	
Grapes	      
Orange	        
Strawberry	    
Mango	   
Pineapple	      

Favorite juice	
Flavor	Number
Grapes	_____
Orange	_____
Strawberry	_____
Mango	_____
Pineapple	_____

Key



= 2 students



= 1 student

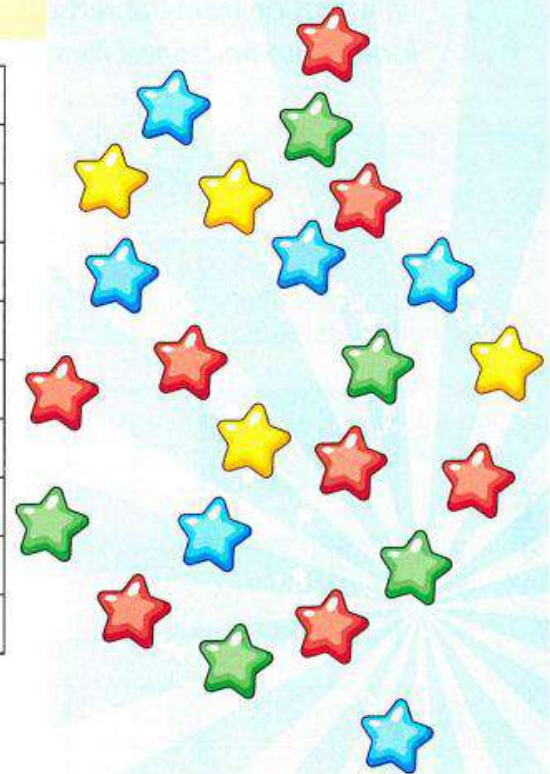
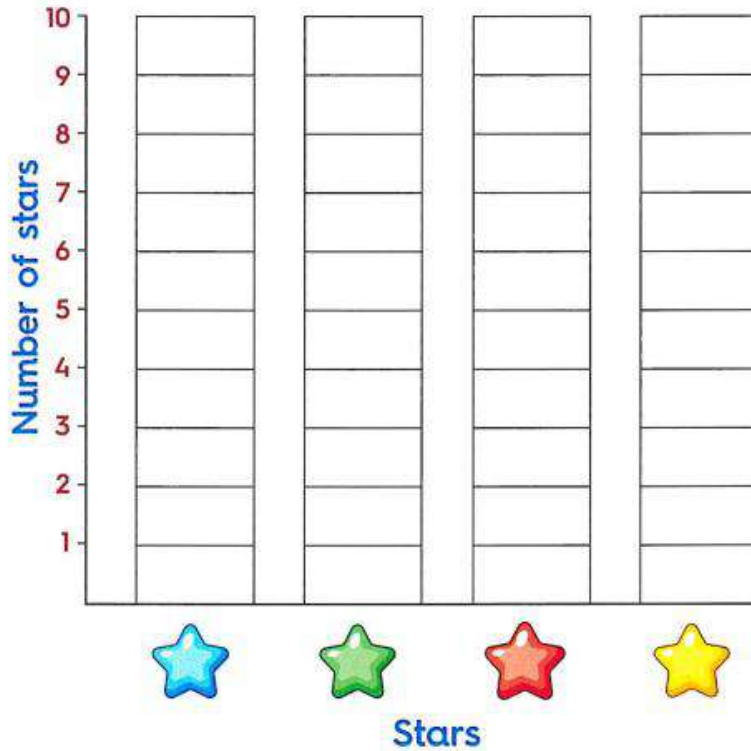




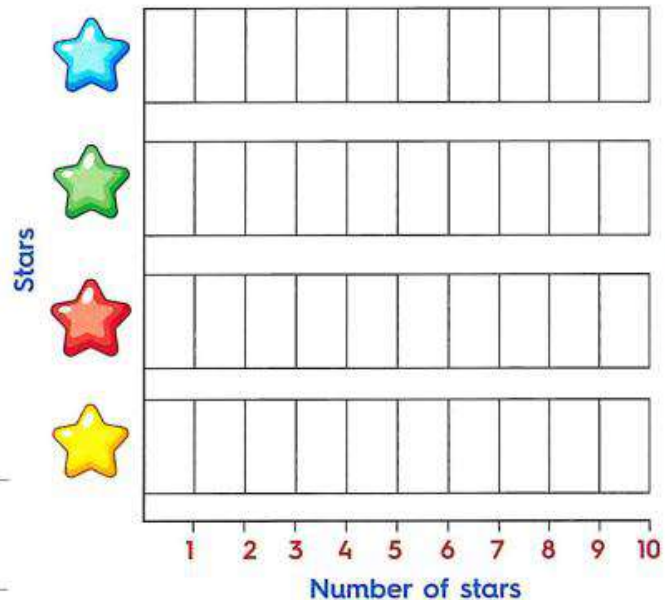
Homework

Color one box for each star.

Stars in the sky



Convert the same information from the vertical bar graph into a horizontal bar graph, then complete.



a. The number of  is _____

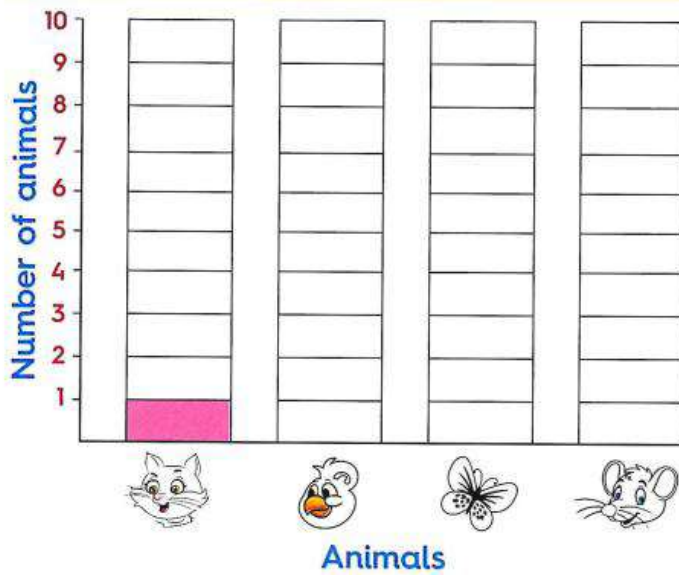
b. The number of  is _____

c. The number of  ☐ The number of  (> or <)



Color one box for each animal. The first one is done for you.

Animals in the garden



From the bar graph, complete.

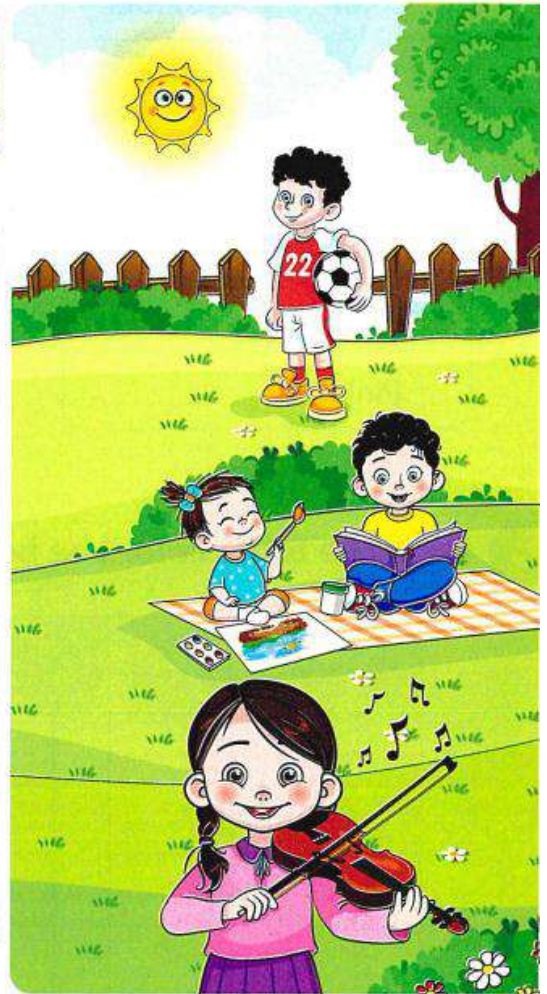
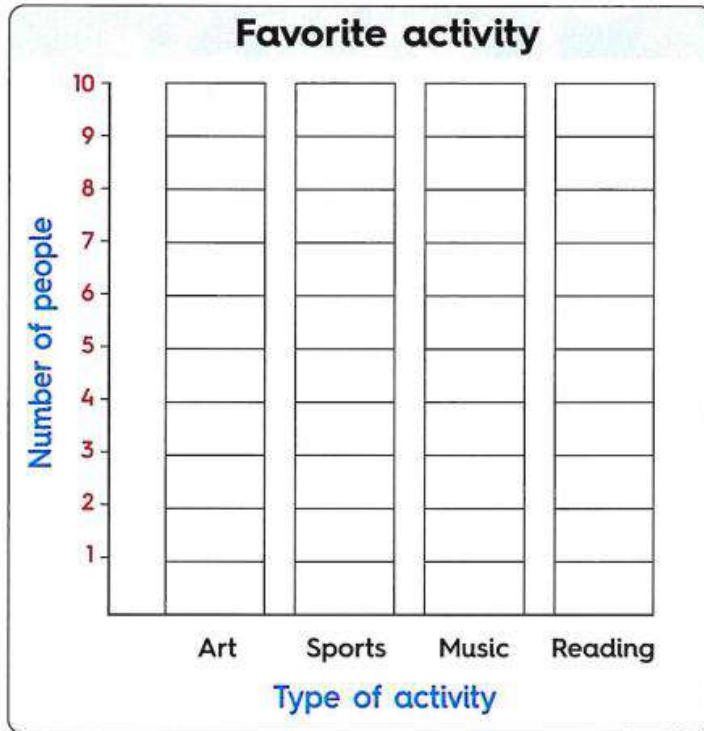
- The number of = _____
- The number of = _____
- The number of = _____
- The number of = _____





Read the table. Shade in the graph to show the same data.

Favorite activity				
Type	Art	Sports	Music	Reading
Number	4	7	5	10



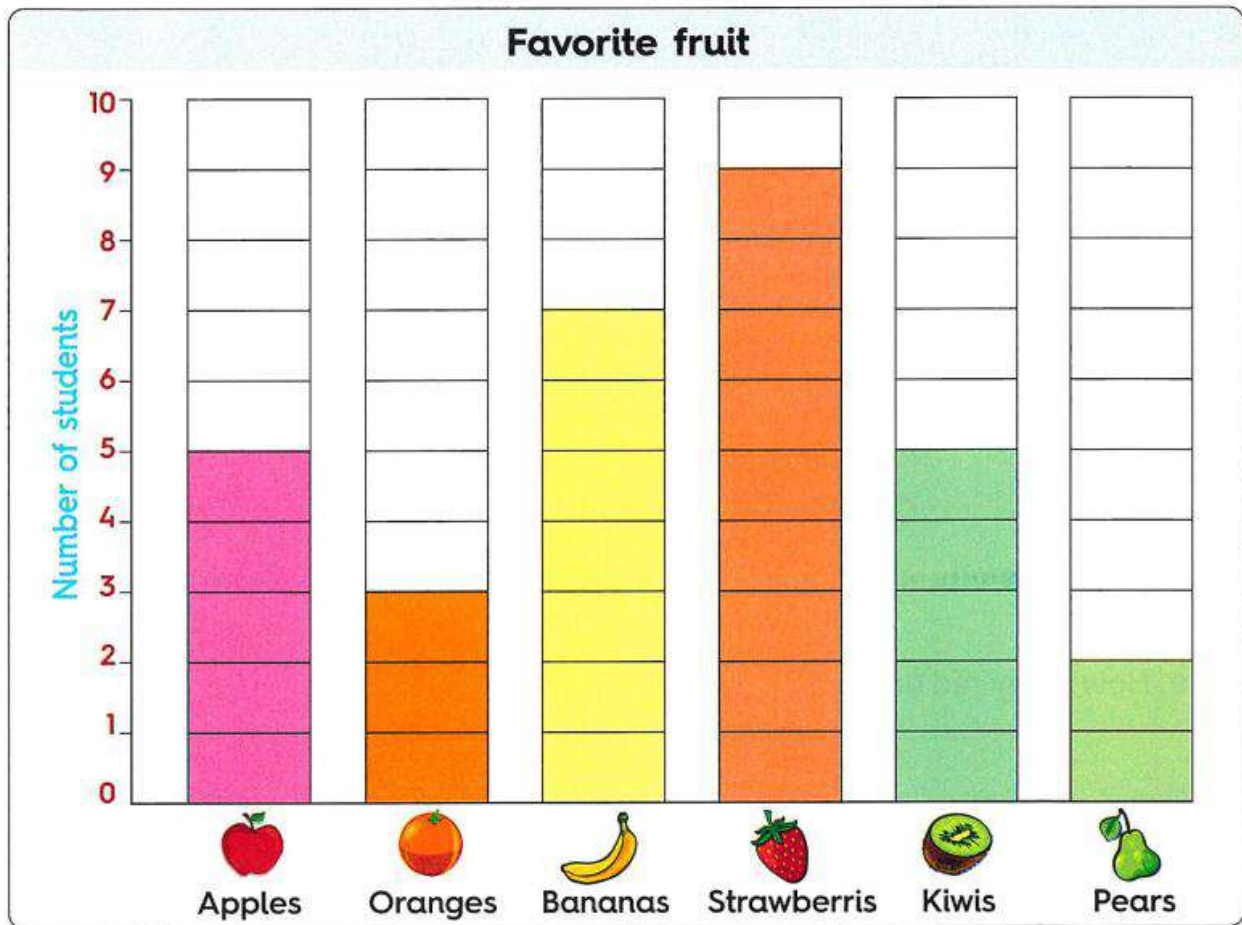
Use the graph to answer the questions.

- Which activity is the most favorite ? _____
- Which activity is the fewest favorite ? _____
- How many students in all liked art and music ? _____
- How many students in all liked sports and reading ? _____
- How many students liked sports more than music ? _____
- How many students in all liked sports and music ? _____





Look at the Favorite fruit graph and then answer questions about the data.



- How many more people liked strawberries than pears ? _____
- How many people all together liked kiwis, apples, and oranges ? _____
- How many more people liked strawberries than oranges ? _____
- How many people in all liked apples, bananas, and pears ? _____
- How many people in total shared which fruit they liked best ? _____



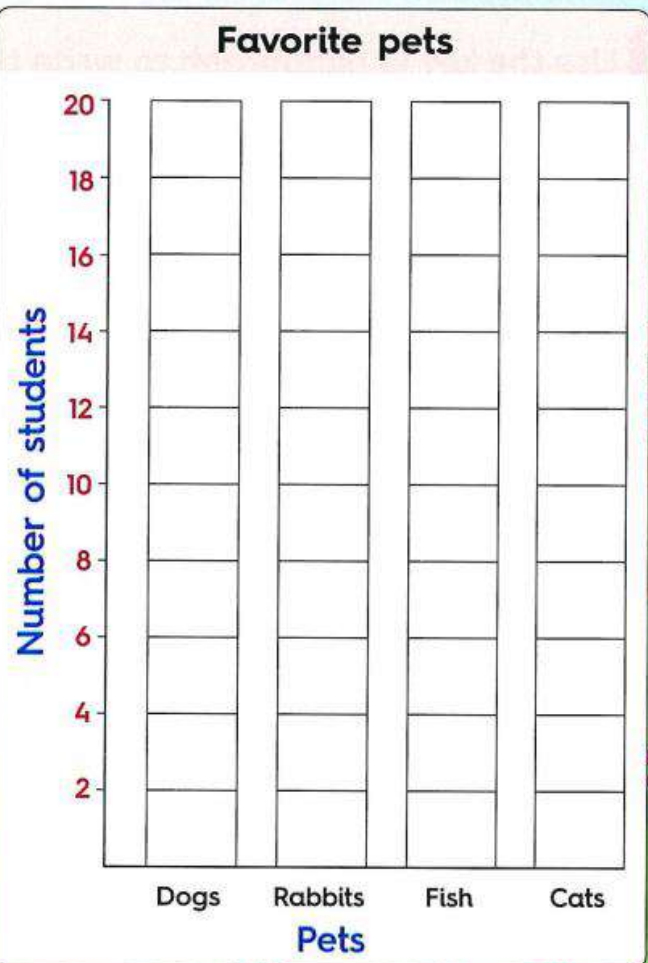


Use the pictograph to color the bar graph.

Favorite pets	
Dogs	
Rabbits	
Fish	
Cats	

key

= 2 votes



Answer the questions :

- How many students liked fish ? _____
- How many students liked dogs ? _____
- How many students in all liked rabbits and cats ? _____
- How many more students liked rabbits more than fish ? _____
- Which pet is liked the most ? _____
- Which pet is liked the least ? _____





Sheet (2)

[1] Write your answer in the blanks:



$1 + 1 = \underline{\hspace{2cm}}$



$6 + 6 = \underline{\hspace{2cm}}$



$2 + 2 = \underline{\hspace{2cm}}$



$7 + 7 = \underline{\hspace{2cm}}$



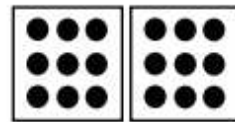
$3 + 3 = \underline{\hspace{2cm}}$



$8 + 8 = \underline{\hspace{2cm}}$



$4 + 4 = \underline{\hspace{2cm}}$



$9 + 9 = \underline{\hspace{2cm}}$



$5 + 5 = \underline{\hspace{2cm}}$



$10 + 10 = \underline{\hspace{2cm}}$

Directions: Use the Doubles mental math strategy to solve.

$1 + 2 = \underline{\hspace{2cm}}$

$3 + 3 = \underline{\hspace{2cm}}$

$3 + 4 = \underline{\hspace{2cm}}$

$4 + 4 = \underline{\hspace{2cm}}$

$5 + 6 = \underline{\hspace{2cm}}$

$7 + 7 = \underline{\hspace{2cm}}$

$7 + 8 = \underline{\hspace{2cm}}$

$8 + 8 = \underline{\hspace{2cm}}$

$10 + 10 = \underline{\hspace{2cm}}$





[3] Complete the blanks to get 10:

1 +		= 10
2 +		= 10
3 +		= 10
4 +		= 10
5 +		= 10

6 +		= 10
7 +		= 10
8 +		= 10
9 +		= 10
10 +		= 10



[4] Complete:

$0 + \square = 10$

$1 + \square = 10$

$2 + \square = 10$

$2 + \square = 10$

$\square + 0 = 10$

$\square + 4 = 10$

$3 + \square = 10$

$\square + 10 = 10$

$8 + \square = 10$

$\square + 2 = 10$

$4 + \square = 10$

$6 + \square = 10$

$\square + 3 = 10$

$5 + \square = 10$

$7 + \square = 10$

$\square + 6 = 10$

$8 + \square = 10$

$9 + \square = 10$





[5] Join to have a sum of 10:

① ③ ⑥ ⑤ ⑦ ⑧

⑦ ⑨ ⑤ ② ④ ⑩



[6] Circle the two numbers whose sum is 10:

2 5 8 3

9 5 6 5

3 2 7 1

7 4 6 5

3 2 8 1

7 4 3 5

1 5 6 9

2 0 7 10



[7] Complete:

$$3 + 1 + 6 = \dots$$

$$2 + 7 + 1 = \dots$$

$$1 + 2 + 7 = \dots$$

$$6 + 1 + \dots = 10$$

$$6 + 2 + 2 = \dots$$

$$5 + 1 + \dots = 10$$

$$3 + 4 + 3 = \dots$$

$$5 + 5 + \dots = 10$$





Homework

Write the sums.

2	3
+ 2	+ 2
_____	_____

9	10
+ 9	+ 9
_____	_____

4	5
+ 4	+ 4
_____	_____

5	6
+ 5	+ 5
_____	_____

7	7
+ 7	+ 8
_____	_____

0	0
+ 0	+ 1
_____	_____



Circle the greater number. Count on to find the sum.

6
+ 2

8

5
+ 8

9
+ 3

4
+ 7

5
+ 2

8
+ 9

12
+ 7

9
+ 10

6
+ 7

9
+ 4

7
+ 8

9
+ 5





Circle the smaller number. Count on to find the difference.

$$\begin{array}{r} 9 \\ - 5 \\ \hline 4 \end{array}$$

$$\begin{array}{r} 12 \\ - 7 \\ \hline \end{array}$$

$$\begin{array}{r} 8 \\ - 2 \\ \hline \end{array}$$

$$\begin{array}{r} 10 \\ - 5 \\ \hline \end{array}$$

$$\begin{array}{r} 13 \\ - 4 \\ \hline \end{array}$$

$$\begin{array}{r} 15 \\ - 9 \\ \hline \end{array}$$

$$\begin{array}{r} 16 \\ - 8 \\ \hline \end{array}$$

$$\begin{array}{r} 22 \\ - 12 \\ \hline \end{array}$$

$$\begin{array}{r} 14 \\ - 6 \\ \hline \end{array}$$

$$\begin{array}{r} 10 \\ - 3 \\ \hline \end{array}$$

$$\begin{array}{r} 11 \\ - 8 \\ \hline \end{array}$$

$$\begin{array}{r} 9 \\ - 2 \\ \hline \end{array}$$



Add.

a. $4 + 10 = \underline{\quad}$
 d. $84 + 10 = \underline{\quad}$
 g. $37 + 10 = \underline{\quad}$
 j. $17 + 10 = \underline{\quad}$
 m. $29 + 10 = \underline{\quad}$
 p. $63 + 10 = \underline{\quad}$

b. $42 + 10 = \underline{\quad}$
 e. $21 + 10 = \underline{\quad}$
 h. $50 + 10 = \underline{\quad}$
 k. $39 + 10 = \underline{\quad}$
 n. $80 + 10 = \underline{\quad}$
 q. $76 + 10 = \underline{\quad}$

c. $75 + 10 = \underline{\quad}$
 f. $19 + 10 = \underline{\quad}$
 i. $67 + 10 = \underline{\quad}$
 l. $71 + 10 = \underline{\quad}$
 o. $47 + 10 = \underline{\quad}$
 r. $22 + 10 = \underline{\quad}$



Complete.

a. $4 + \underline{\quad} = 10$
 d. $5 + \underline{\quad} = 10$
 g. $8 + \underline{\quad} = 10$

b. $7 + \underline{\quad} = 10$
 e. $2 + \underline{\quad} = 10$
 h. $9 + \underline{\quad} = 10$

c. $1 + \underline{\quad} = 10$
 f. $6 + \underline{\quad} = 10$
 i. $\underline{\quad} + 3 = 10$





Story Problems

[1] Story problems on addition:

1. Raja counted 7 ants crawling on the sidewalk. Then he found 3 more ants crawling. How many ants did Raja see in all?

$$\underline{\quad\quad\quad} + \underline{\quad\quad\quad} = \underline{\quad\quad\quad}$$

2. Miryam saw 8 birds flying in the sky. She also saw 4 birds sitting in a tree. How many birds did Miryam see in all?

$$\underline{\quad\quad\quad} + \underline{\quad\quad\quad} = \underline{\quad\quad\quad}$$

3. Mukhtar has 6 jelly beans in a jar. He has another 8 jelly beans in his pocket. How many jelly beans does Mukhtar have in all?

$$\underline{\quad\quad\quad} + \underline{\quad\quad\quad} = \underline{\quad\quad\quad}$$

4. Heba has 7 stickers. Her teacher gives her 9 more stickers. How many stickers does Heba have all together?

$$\underline{\quad\quad\quad} + \underline{\quad\quad\quad} = \underline{\quad\quad\quad}$$





[2] Story problems on subtraction:

1. Salma has 18 figs. She eats 10 figs. How many figs does Salma have left?

$$\underline{\hspace{2cm}} - \underline{\hspace{2cm}} = \underline{\hspace{2cm}}$$

2. Ahmed gathers 15 rocks at the beach. He tosses 6 rocks into the water. How many rocks does Ahmed have left?

$$\underline{\hspace{2cm}} - \underline{\hspace{2cm}} = \underline{\hspace{2cm}}$$

3. Mustafa has 16 candies. He ate 6 candies. How many candies does Mustafa have left?

$$\underline{\hspace{2cm}} - \underline{\hspace{2cm}} = \underline{\hspace{2cm}}$$

4. Rashida bought 13 oranges. She gave 3 oranges to her father. How many oranges does she have now?

$$\underline{\hspace{2cm}} - \underline{\hspace{2cm}} = \underline{\hspace{2cm}}$$





[3] Circle the correct number:

$$10 + \bigcirc = 15 \quad 3 \text{ or } 5 \text{ or } 8$$

$$7 + \bigcirc = 14 \quad 10 \text{ or } 7 \text{ or } 9$$

$$13 + \bigcirc = 15 \quad 3 \text{ or } 12 \text{ or } 2$$

$$\bigcirc + 16 = 19 \quad 2 \text{ or } 3 \text{ or } 4$$

$$\bigcirc + 13 = 17 \quad 4 \text{ or } 14 \text{ or } 3$$

$$13 - \bigcirc = 5 \quad 7 \text{ or } 8 \text{ or } 9$$

$$15 - \bigcirc = 9 \quad 6 \text{ or } 7 \text{ or } 8$$

$$18 - \bigcirc = 10 \quad 12 \text{ or } 10 \text{ or } 8$$

$$12 - \bigcirc = 2 \quad 6 \text{ or } 8 \text{ or } 10$$

$$10 - \bigcirc = 5 \quad 15 \text{ or } 10 \text{ or } 5$$

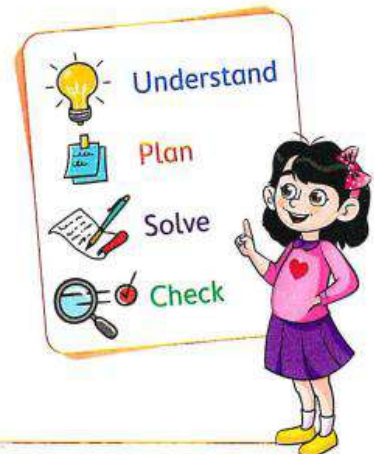




Homework

- 1** Mariam has 8 books in Arabic and 5 books in English.

How many books does Mariam have ?



- 2** Raja counted 7 ants crawling on the sidewalk.

Then he found 3 more ants crawling.

How many ants did Raja see in all ?



- 3** Ali has 7 marbles, his brother give him 6 marbles.

How many marbles does Ali have ?



- 4** There are 2 crayon boxes, in each box there are 6 crayons.

What is the number of crayons in the two boxes ?





- 5**  Mukhtar has 6 jelly beans in a jar. He has another 8 jelly beans in his pocket.
How many jelly beans does Mukhtar have in all ?



- 6** Ali caught 9 fish and Mina caught 8 fish.
Find the number of fish with both.



- 7** Mohamed and Paula are in a volleyball team.
In the last match Mohamed scored 7 points and Paula scored 5 points.
What is the number of points that Mohamed and Paula scored ?



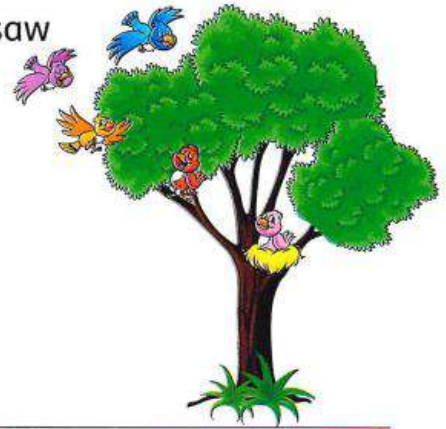
- 8**  Heba has 7 stickers. Her teacher gives her 9 more stickers.
How many stickers does Heba have all together ?





- 9**  Miryam saw 8 birds flying in the sky. She also saw 4 birds sitting in a tree.

How many birds did Miryam see in all ?



- 10** There are 2 vases. In each vase there are 7 flowers.

What is the number of flowers in all ?



- 11** Tamer had 8 pens. He gave 6 pens to Jana.

How many pens does Tamer have now ?



- 12** There are 12 cars in the park, if 9 cars go away.

How many cars are there in the car park now ?





- 13** Khadega bought 15 candies, she gave 6 candies to her brother.

How many candies does Khadega have now ?



- 14** Farida had 11 oranges, she ate 7 of them.

How many oranges are remained with Farida ?



- 15** There are 12 people in a bus, if 7 of them get off the bus.

How many people are remained in the bus ?



- 16**  Ahmed gathers 15 rocks at the beach. He tosses 6 rocks into the water.

How many rocks does Ahmed have left ?





ACTIVITY

Use the 120 chart to find the results

91	92	93	94	95	96	97	98	99	100
81	82	83	84	85	86	87	88	89	90
71	72	73	74	75	76	77	78	79	80
61	62	63	64	65	66	67	68	69	70
51	52	53	54	55	56	57	58	59	60
41	42	43	44	45	46	47	48	49	50
31	32	33	34	35	36	37	38	39	40
21	22	23	24	25	26	27	28	29	30
11	12	13	14	15	16	17	18	19	20
1	2	3	4	5	6	7	8	9	10

$23 + 34 = \dots\dots\dots$

$12 + 24 = \dots\dots\dots$

$32 + 25 = \dots\dots\dots$

$45 + 33 = \dots\dots\dots$

$37 + 44 = \dots\dots\dots$

$78 - 35 = \dots\dots\dots$

$98 - 45 = \dots\dots\dots$

$65 - 31 = \dots\dots\dots$

$79 - 54 = \dots\dots\dots$

$21 + 36 = \dots\dots\dots$

$23 + 62 = \dots\dots\dots$

$37 + 21 = \dots\dots\dots$

$72 + 13 = \dots\dots\dots$

$78 - 13 = \dots\dots\dots$

$85 - 63 = \dots\dots\dots$

$67 - 24 = \dots\dots\dots$

$24 - 10 = \dots\dots\dots$

$54 - 32 = \dots\dots\dots$

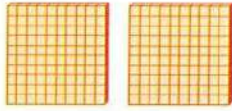
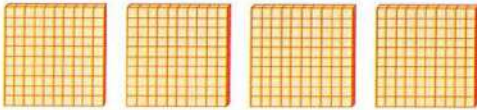
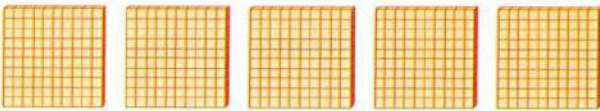
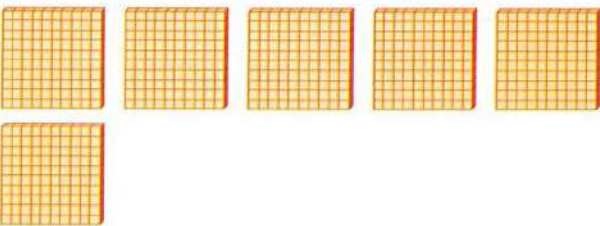
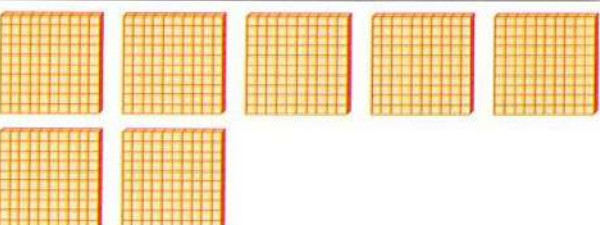
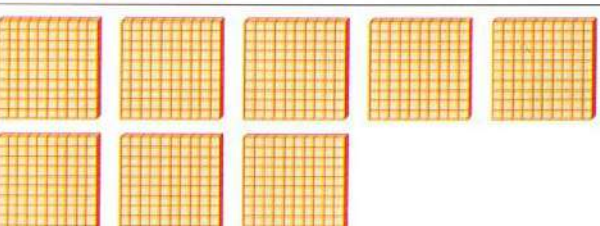
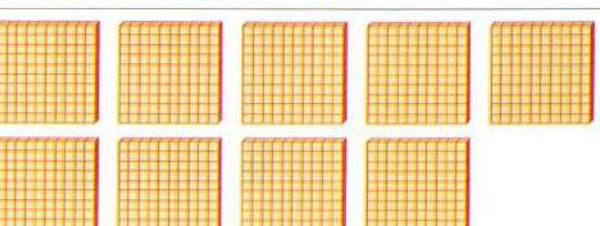




Sheet (3)

Reading and writing numbers

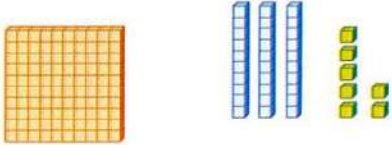
[1] Write how many hundreds. Write the number as the example:

	2 hundreds	200
	_____ hundreds	_____
	_____ hundreds	_____
	_____ hundreds	_____
	_____ hundreds	_____
	_____ hundreds	_____
	_____ hundreds	_____
	_____ hundreds	_____



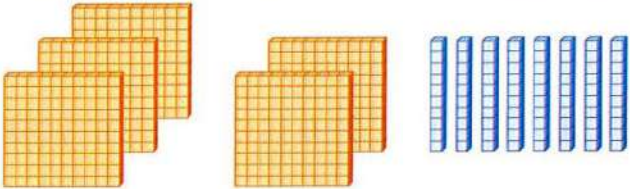


[2] Complete as the example:

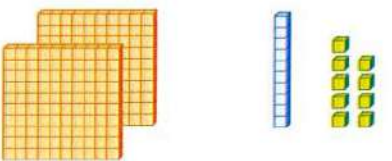
① 

H	T	O
1	3	7

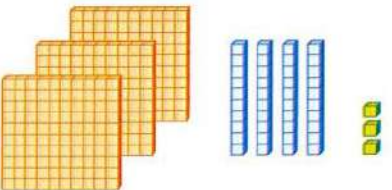
137

② 

H	T	O

③ 

H	T	O

④ 

H	T	O



[3] Circle the value of the blue digit:

267
600 60 6

152
1 10 100

641
4 40 400

218
8 80 800

576
6 60 600

903
0 10 100





[4] Complete:

1. 750 = ones , tens and hundreds

2. 666 = ones , tens and hundreds

3. 837 = hundreds , tens and ones

4. 239 = hundreds, tens and ones



[5] Circle the correct digit as in the example:

1. Circle the hundreds. (4) 8 7

2. Circle the ones. 2 8 9

3. Circle the hundreds. 3 3 3

4. Circle the tens. 8 2 5

5. Circle the tens. 4 0 0

6. Circle the hundreds. 8 9 9

7. Circle the hundreds. 2 1 5

8. Circle the tens. 4 5 8

9. Circle the ones. 5 7 0

10. Circle the ones. 8 6 7





11. Circle the hundreds.

6 4 8

12. Circle the tens.

4 4 4

[6] Choose the correct answer:

1.

The value of the digit 9 in the number 972 is
(900 or 9 or 90)

2.

The value of the digit 6 in the number 265 is
(6 or 60 or 600)

3.

The value of the digit 7 in the number 573 is
(7 or 70 or 700)

4.

The value of the digit 0 in the number 401 is
(100 or 10 or 0)

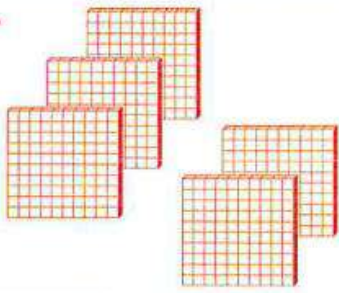
5.

The value of the digit 3 in the number 358 is
(3 or 30 or 300)

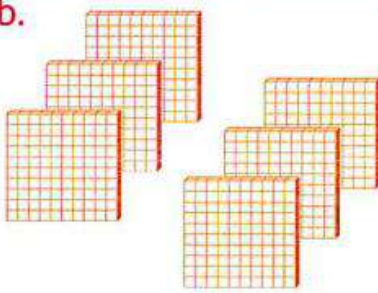


Homework

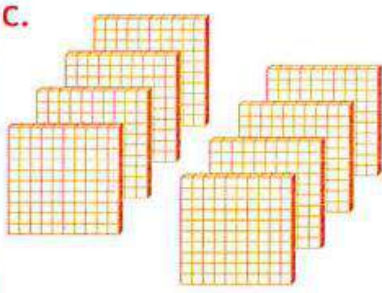
Write how many hundreds. Write the number.

a. 

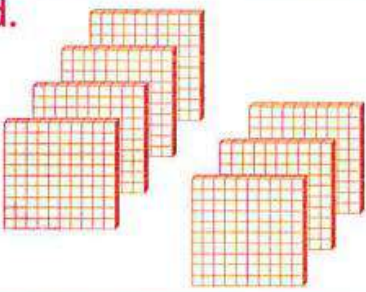
_____ hundreds _____

b. 

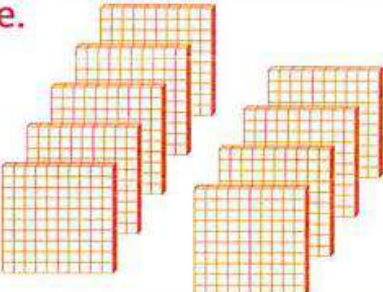
_____ hundreds _____

c. 

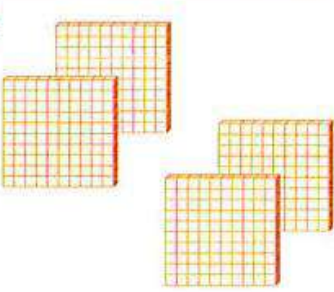
_____ hundreds _____

d. 

_____ hundreds _____

e. 

_____ hundreds _____

f. 

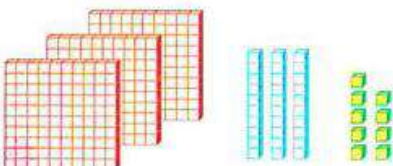
_____ hundreds _____



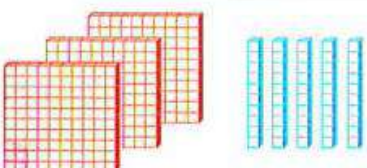
Write how many hundreds, tens and ones in the HTO chart.
Then write the number.

a. 

H	T	O

b. 

H	T	O

c. 

H	T	O





Write the place value of the digit 8 in each. The first one is done for you.

a. 784 Tens

d. 804 _____

g. 78 _____

j. 8 _____

b. 863 _____

e. 581 _____

h. 87 _____

k. 841 _____

c. 918 _____

f. 178 _____

i. 841 _____

l. 181 _____



Write the value of 7 in each number. The first one is done for you.

a. 572 70

d. 367 _____

g. 876 _____

j. 730 _____

b. 587 _____

e. 271 _____

h. 704 _____

k. 167 _____

c. 790 _____

f. 957 _____

i. 474 _____

l. 673 _____



What is the number ? The first one is done for you.

a. **What is the number ?**

- The hundreds digit is 5.
- The ones digit is 4.
- The tens digit is 8.

584b. **What is the number ?**

- The tens digit is 6.
- The ones digit is 3.
- The hundreds digit is 9.





Writing numbers in different forms

Ones		Numbers from 11 to 19		Tens	
1	one	11	eleven	10	ten
2	two	12	twelve	20	twenty
3	three	13	thirteen	30	thirty
4	four	14	fourteen	40	forty
5	five	15	fifteen	50	fifty
6	six	16	sixteen	60	sixty
7	seven	17	seventeen	70	seventy
8	eight	18	eighteen	80	eighty
9	nine	19	nineteen	90	ninety



[1] Write in digits:

- Five hundred and eighty-seven =
- Six hundred and eleven =
- Three hundred and seventy =
- Nine hundred =
- Seven hundred and sixty-seven =
- One hundred and one =





[2] Choose the correct answer:

- | | |
|----|---|
| 1. | 3 hundreds , 2 tens and 7 ones = <input type="text"/> (723 , 327 , 273 , 372) |
| 2. | 4 hundreds , 8 tens and 3 ones = <input type="text"/> (438 , 384 , 843 , 483) |
| 3. | 3 hundreds and 6 tens = <input type="text"/> (36 , 306 , 360 , 630) |
| 4. | 5 ones and 7 tens = <input type="text"/> (750 , 705 , 75 , 57) |
| 5. | 6 hundreds , 4 ones and 2 tens = <input type="text"/> (642 , 246 , 624 , 426) |
| 6. | Eight hundred and sixty = <input type="text"/> (68 , 860 , 806 , 608) |



[3] Complete:

- | | |
|-----|--|
| 1. | The place value of the digit 5 in the number 521 is <input type="text"/> |
| 2. | The place value of the digit 9 in the number 259 is <input type="text"/> |
| 3. | The place value of the digit 3 in the number 830 is <input type="text"/> |
| 4. | The place value of 4 in 409 is <input type="text"/> |
| 5. | The place value of <input type="text"/> in 923 is tens. |
| 6. | $200 + 70 + 9 =$ <input type="text"/> |
| 7. | $100 + 80 + 5 =$ <input type="text"/> |
| 8. | $400 + 20 + 0 =$ <input type="text"/> |
| 9. | $500 + 90 + 1 =$ <input type="text"/> |
| 10. | $600 + 30 + 2 =$ <input type="text"/> |





11. $900 + 60 + 4 = \boxed{}$

12. $300 + 50 + 2 = \boxed{}$

13. $900 + 0 + 6 = \boxed{}$

14. $400 + 40 + 4 = \boxed{}$

15. $600 + 70 + 9 = \boxed{}$

16. $800 + 8 + 10 = \boxed{}$

17. $700 + 6 + 50 = \boxed{}$

18. $896 = \boxed{} + 90 + 6$

19. $576 = \boxed{} + 70 + \boxed{}$

20. $986 = 900 + \boxed{} + \boxed{}$

21. $460 = \boxed{} + \boxed{} + \boxed{}$

22. $222 = \boxed{} + \boxed{} + \boxed{}$

23. $607 = \boxed{} + \boxed{} + \boxed{}$

24. $963 = \boxed{} + 60 + 3$

25. $214 = 200 + 10 + \boxed{}$

26. $479 = 400 + 70 + \boxed{}$

27. $364 = \boxed{} + \boxed{} + \boxed{}$





Homework

Write the numbers in words.

a. 7 _____

e. 1 _____

i. 9 _____

m. 2 _____

q. 90 _____

b. 50 _____

f. 15 _____

j. 8 _____

n. 11 _____

r. 6 _____

c. 17 _____

g. 14 _____

k. 60 _____

o. 80 _____

s. 16 _____

d. 30 _____

h. 40 _____

l. 13 _____

p. 12 _____

t. 10 _____



Write in expanded form.

1. 374 _____

2. 802 _____

3. 650 _____

4. Two hundred seventy-eight _____



Write in word form.

1. 782 _____

2. 316 _____

3. $900 + 40 + 5$ _____4. $500 + 90$ _____



Comparing Numbers

[1] Circle the smaller number:

1.	432	342	2.	749	789
3.	505	550	4.	817	871
5.	102	99	6.	749	777
7.	404	444	8.	266	622



[2] Circle the greater number:

1.	365	265	2.	698	986
3.	256	265	4.	895	985
5.	535	355	6.	369	631
7.	53	140	8.	83	86



[3] Complete using (>), (<) or (=):

1.	437 ○ 457	2.	517 ○ 507
3.	546 ○ 654	4.	620 ○ 420
5.	625 ○ 628	6.	510 ○ 501
7.	725 ○ 725	8.	862 ○ 628
9.	770 ○ 777	10.	499 ○ 499





[4] Complete using (>), (<) or (=):

- | | |
|----|----------------------------------|
| 1. | 948 ○ $900 + 48$ |
| 2. | $3 + 70 + 200$ ○ 273 |
| 3. | 232 ○ Two hundred and thirty-two |
| 4. | $800 + 20 + 5$ ○ $800 + 50 + 2$ |
| 5. | $1 + 4 + 0$ ○ 140 |
| 6. | $400 + 40 + 4$ ○ $400 + 44$ |
| 7. | Seven hundred and fourteen ○ 619 |



[5] Arrange the following numbers:

514 , 473 , 540 and 437

1. Ascending order : , , and
 Descending order : , , and

698 , 986 , 896 and 689

2. Ascending order : , , and
 Descending order : , , and

987 , 978 , 897 and 798

3. Ascending order : , , and
 Descending order : , , and





[6] Complete in the same pattern:

1.	350 , 360 , , 380	2.	808 , 809 , , 811
3.	650 , , 850 , 950	4.	234 , 245 , , 267
5.	404 , , 606 , 707	6.	540 , 530 , , 510
7.	900 , 700 , , 300	8.	678 , 567 , , 345



[7] Complete the table:

Number	Add 1	Add 10	Add 100
125			
326			
23			
45			
764			
245			
36			
73			



**Write the number.**

- a. Write the greatest and the smallest number formed from : 7 , 8 , 3
The greatest number is _____ , the smallest number is _____
- b. Write the greatest and the smallest number formed from : 3 , 9 , 6
The greatest number is _____ , the smallest number is _____
- c. Write the greatest and the smallest number formed from : 7 , 2 , 5
The greatest number is _____ , the smallest number is _____
- d. Write the greatest and the smallest number formed from : 1 , 6 , 0
The greatest number is _____ , the smallest number is _____
- e. Write the greatest and the smallest number formed from : 7 , 0 , 5
The greatest number is _____ , the smallest number is _____
- f. Write the greatest 3-digit number _____
- g. Write the smallest 3-digit number _____
- h. Write the greatest 3-different digit number _____
- i. Write the smallest 3-different digit number _____
- j. Write the greatest 3-same digit number _____
- k. Write the smallest 3-same digit number _____
- l. Write the greatest 3-digit even number _____
- m. Write the smallest 3-digit odd number _____





Homework

1 Compare, write $>$, $<$ or $=$. The first one is done for you.

a. 140 $<$ 240	b. 342 $\bigcirc$ 342
c. 431 $\bigcirc$ 413	d. 212 $\bigcirc$ 215

2 Compare, write $>$, $<$ or $=$.

a. 725 $\bigcirc$ 752	b. 572 $\bigcirc$ 376
c. 154 $\bigcirc$ 154	d. 38 $\bigcirc$ 100
e. 45 $\bigcirc$ 178	f. 512 $\bigcirc$ 89
g. 391 $\bigcirc$ 9	h. 512 $\bigcirc$ 521
i. 187 $\bigcirc$ 211	j. 75 $\bigcirc$ 318
k. 112 $\bigcirc$ 79	l. 315 $\bigcirc$ 315
m. 99 $\bigcirc$ 618	n. 94 $\bigcirc$ 200
o. 714 $\bigcirc$ 174	p. 762 $\bigcirc$ 760
q. 47 $\bigcirc$ 129	r. 218 $\bigcirc$ 78

I put two dots next to 240 because it is the greater number and one dot next to 140 because it is the smaller one, and then I connect them.





Write the numbers in order from least to greatest.

72 , **5** , **27** , **52** , **10**

Order is : _____ , _____ , _____ , _____ , _____

745 , **72** , **15** , **200** , **4**

Order is : _____ , _____ , _____ , _____ , _____

926 , **713** , **198** , **502** , **183**

Order is : _____ , _____ , _____ , _____ , _____

Ascending
order



Write the numbers in order from greatest to least.

7 , **12** , **25** , **47** , **29**

Order is : _____ , _____ , _____ , _____ , _____

19 , **82** , **130** , **10** , **210**

Order is : _____ , _____ , _____ , _____ , _____

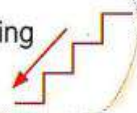
273 , **499** , **500** , **25** , **167**

Order is : _____ , _____ , _____ , _____ , _____

345 , **492** , **572** , **490** , **333**

Order is : _____ , _____ , _____ , _____ , _____

Descending
order





Sheet (4)

Commutative property in addition

Complete.

a. $7 + 8 = 8 + \underline{\quad}$

c. $\quad + 5 = 5 + 3$

e. $5 + 15 = 15 + \quad$

b. $7 + 4 = 4 + \underline{\quad}$

d. $8 + 4 = \underline{\quad} + 8$

f. $30 + \underline{\quad} = 9 + 30$



Color the addition sentences in each row that have the same sum.

a. $13 + 5$

$12 + 5$

$5 + 13$

b. $4 + 16$

$16 + 4$

$15 + 4$

c. $7 + 17$

$7 + 16$

$16 + 7$

d. $13 + 3$

$13 + 2$

$2 + 13$



Find the sum. Then rewrite the problems by switching the addends and solve it. The first one is done for you.

a. $3 + 15 = 18 \quad \rightarrow \quad 15 + 3 = 18$

b. $8 + 9 = \quad \rightarrow \quad \quad + \quad = \quad$

c. $14 + 4 = \quad \rightarrow \quad \quad + \quad = \quad$



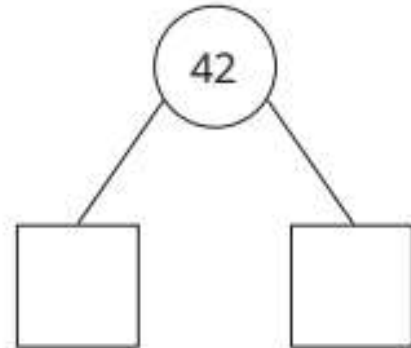


Decomposing numbers into ones & tens

[1] Complete:

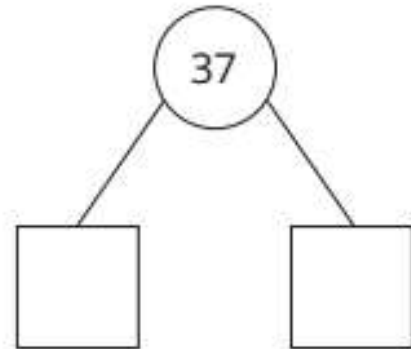
1.

Tens	Ones



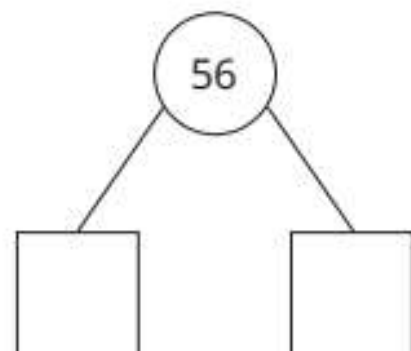
2.

Tens	Ones



3.

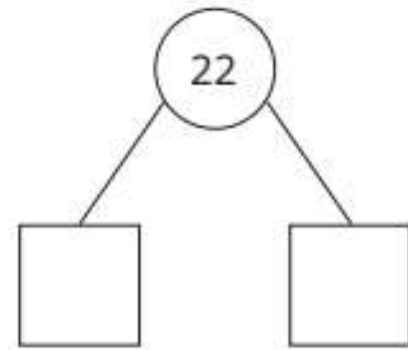
Tens	Ones





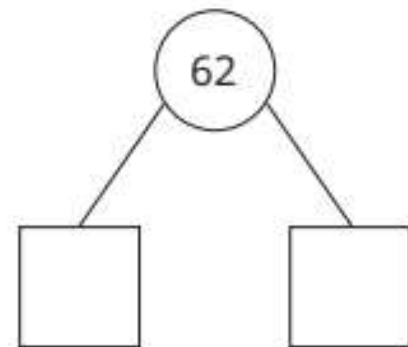
4.

Tens	Ones



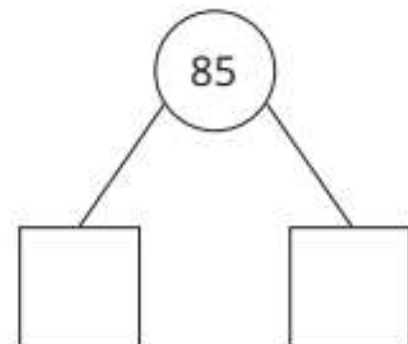
5.

Tens	Ones



6.

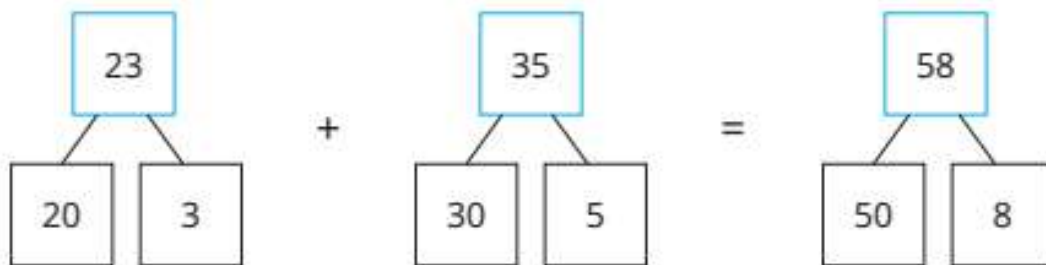
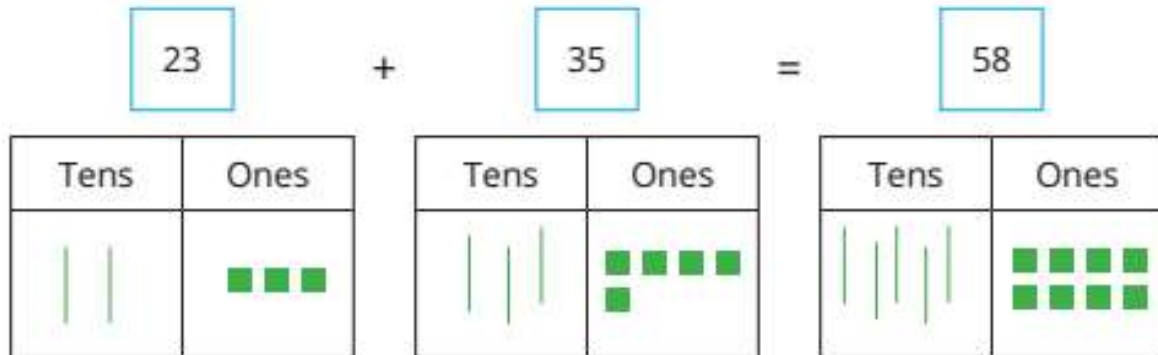
Tens	Ones



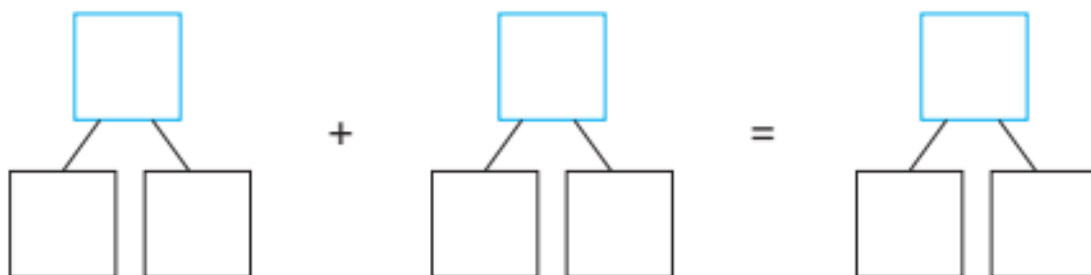
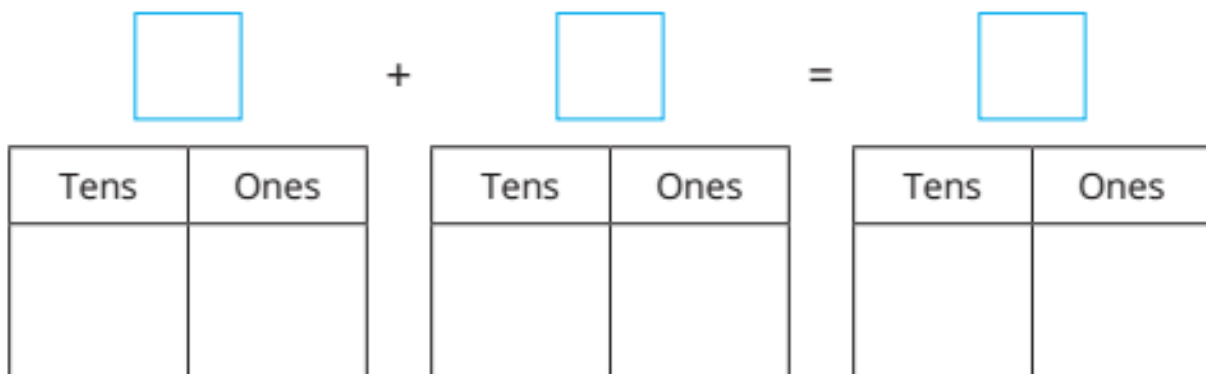


[2] Complete as the example:

Example: Hassan bought 23 chocolate cookies. He also bought 35 vanilla cookies. How many cookies does Hassan have in all?



1) Miryam found 68 seashells on the beach. Her sister found 21 seashells. How many seashells did they find in all?





2) Aisha went on a bug hunt. She counted 62 ants and 26 crickets.
How many bugs did she find in all?

	+		=													
<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <th style="padding: 5px;">Tens</th> <th style="padding: 5px;">Ones</th> </tr> <tr> <td style="height: 60px;"></td> <td></td> </tr> </table>	Tens	Ones				<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <th style="padding: 5px;">Tens</th> <th style="padding: 5px;">Ones</th> </tr> <tr> <td style="height: 60px;"></td> <td></td> </tr> </table>	Tens	Ones				<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <th style="padding: 5px;">Tens</th> <th style="padding: 5px;">Ones</th> </tr> <tr> <td style="height: 60px;"></td> <td></td> </tr> </table>	Tens	Ones		
Tens	Ones															
Tens	Ones															
Tens	Ones															
	+		=													



3) Layla has a collection of stickers. She has 54 car stickers and 44 superhero stickers. How many stickers does Layla have all together?

	+		=													
<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <th style="padding: 5px;">Tens</th> <th style="padding: 5px;">Ones</th> </tr> <tr> <td style="height: 60px;"></td> <td></td> </tr> </table>	Tens	Ones				<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <th style="padding: 5px;">Tens</th> <th style="padding: 5px;">Ones</th> </tr> <tr> <td style="height: 60px;"></td> <td></td> </tr> </table>	Tens	Ones				<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <th style="padding: 5px;">Tens</th> <th style="padding: 5px;">Ones</th> </tr> <tr> <td style="height: 60px;"></td> <td></td> </tr> </table>	Tens	Ones		
Tens	Ones															
Tens	Ones															
Tens	Ones															
	+		=													





Adding without regrouping

[1] Add as the example:



Example :

$$\begin{array}{r} 752 \\ + 236 \\ \hline 988 \end{array}$$

$$\begin{array}{r} 123 \\ + 400 \\ \hline 523 \end{array}$$

$$\begin{array}{r} 127 \\ + 12 \\ \hline 139 \end{array}$$

(a)

$$\begin{array}{r} 245 \\ + 132 \\ \hline \end{array}$$

(b)

$$\begin{array}{r} 105 \\ + 753 \\ \hline \end{array}$$

(c)

$$\begin{array}{r} 426 \\ + 361 \\ \hline \end{array}$$

(d)

$$\begin{array}{r} 820 \\ + 179 \\ \hline \end{array}$$

(e)

$$\begin{array}{r} 532 \\ + 364 \\ \hline \end{array}$$

(f)

$$\begin{array}{r} 601 \\ + 134 \\ \hline \end{array}$$

(g)

$$\begin{array}{r} 456 \\ + 332 \\ \hline \end{array}$$

(h)

$$\begin{array}{r} 825 \\ + 73 \\ \hline \end{array}$$

(i)

$$\begin{array}{r} 724 \\ + 104 \\ \hline \end{array}$$

(j)

$$\begin{array}{r} 325 \\ + 312 \\ \hline \end{array}$$

(k)

$$\begin{array}{r} 354 \\ + 45 \\ \hline \end{array}$$

(l)

$$\begin{array}{r} 541 \\ + 315 \\ \hline \end{array}$$

(m)

$$\begin{array}{r} 678 \\ + 21 \\ \hline \end{array}$$

(n)

$$\begin{array}{r} 33 \\ + 666 \\ \hline \end{array}$$

(o)

$$\begin{array}{r} 103 \\ + 784 \\ \hline \end{array}$$

(p)

$$\begin{array}{r} 207 \\ + 480 \\ \hline \end{array}$$





[2] Add as the example:



Example :

$$\begin{array}{r} 167 \\ + 432 \\ \hline 599 \end{array}$$

Diagram showing the addition process with arrows and plus signs indicating the steps: 7 + 2 = 9, 6 + 3 = 9, and 1 + 4 = 5.



(a)

$642 + 153 =$

(b)

$481 + 505 =$

(c)

$420 + 338 =$

(d)

$300 + 204 =$

(e)

$412 + 381 =$

(f)

$216 + 472 =$

(g)

$827 + 32 =$

(h)

$612 + 330 =$

(i)

$786 + 203 =$

(j)

$165 + 523 =$

(k)

$500 + 306 =$

(l)

$208 + 601 =$

(m)

$38 + 411 =$

(n)

$182 + 16 =$





Adding with regrouping

[1] Add as the example:



Example :

$$\begin{array}{r} \textcircled{1} \\ 29 \\ + 3 \\ \hline 32 \end{array}$$

$$\begin{array}{r} \textcircled{1} \\ 29 \\ + 35 \\ \hline 64 \end{array}$$

$$\begin{array}{r} \textcircled{1} \\ 43 \\ + 27 \\ \hline 70 \end{array}$$

(a)

$$\begin{array}{r} 35 \\ + 9 \\ \hline \end{array}$$

(b)

$$\begin{array}{r} 43 \\ + 8 \\ \hline \end{array}$$

(c)

$$\begin{array}{r} 74 \\ + 7 \\ \hline \end{array}$$

(d)

$$\begin{array}{r} 36 \\ + 7 \\ \hline \end{array}$$

(e)

$$\begin{array}{r} 25 \\ + 9 \\ \hline \end{array}$$

(f)

$$\begin{array}{r} 19 \\ + 9 \\ \hline \end{array}$$

(g)

$$\begin{array}{r} 24 \\ + 58 \\ \hline \end{array}$$

(h)

$$\begin{array}{r} 57 \\ + 13 \\ \hline \end{array}$$

(i)

$$\begin{array}{r} 64 \\ + 19 \\ \hline \end{array}$$

(j)

$$\begin{array}{r} 17 \\ + 77 \\ \hline \end{array}$$

(k)

$$\begin{array}{r} 49 \\ + 48 \\ \hline \end{array}$$

(l)

$$\begin{array}{r} 24 \\ + 56 \\ \hline \end{array}$$

(m)

$$\begin{array}{r} 27 \\ + 35 \\ \hline \end{array}$$

(n)

$$\begin{array}{r} 15 \\ + 26 \\ \hline \end{array}$$

(o)

$$\begin{array}{r} 38 \\ + 16 \\ \hline \end{array}$$

(p)

$$\begin{array}{r} 39 \\ + 42 \\ \hline \end{array}$$

(q)

$$\begin{array}{r} 57 \\ + 26 \\ \hline \end{array}$$

(r)

$$\begin{array}{r} 19 \\ + 49 \\ \hline \end{array}$$

(s)

$$\begin{array}{r} 37 \\ + 48 \\ \hline \end{array}$$

(t)

$$\begin{array}{r} 63 \\ + 19 \\ \hline \end{array}$$





[2] Add as the example:



Example :

$$\begin{array}{r} \textcircled{1} \textcircled{1} \\ 677 \\ + 238 \\ \hline 915 \end{array}$$

$$\begin{array}{r} \textcircled{1} \\ 204 \\ + 589 \\ \hline 793 \end{array}$$

$$\begin{array}{r} \textcircled{1} \textcircled{1} \\ 396 \\ + 24 \\ \hline 420 \end{array}$$

(a)

$$\begin{array}{r} 376 \\ + 287 \\ \hline \end{array}$$

(b)

$$\begin{array}{r} 339 \\ + 462 \\ \hline \end{array}$$

(c)

$$\begin{array}{r} 358 \\ + 579 \\ \hline \end{array}$$

(d)

$$\begin{array}{r} 391 \\ + 399 \\ \hline \end{array}$$

(e)

$$\begin{array}{r} 148 \\ + 475 \\ \hline \end{array}$$

(f)

$$\begin{array}{r} 297 \\ + 447 \\ \hline \end{array}$$

(g)

$$\begin{array}{r} 166 \\ + 199 \\ \hline \end{array}$$

(h)

$$\begin{array}{r} 455 \\ + 485 \\ \hline \end{array}$$

(i)

$$\begin{array}{r} 638 \\ + 129 \\ \hline \end{array}$$

(j)

$$\begin{array}{r} 484 \\ + 348 \\ \hline \end{array}$$

(k)

$$\begin{array}{r} 437 \\ + 273 \\ \hline \end{array}$$

(l)

$$\begin{array}{r} 287 \\ + 624 \\ \hline \end{array}$$

(m)

$$\begin{array}{r} 299 \\ + 97 \\ \hline \end{array}$$

(n)

$$\begin{array}{r} 544 \\ + 76 \\ \hline \end{array}$$

(o)

$$\begin{array}{r} 53 \\ + 169 \\ \hline \end{array}$$

(p)

$$\begin{array}{r} 307 \\ + 99 \\ \hline \end{array}$$

(q)

$$\begin{array}{r} 65 \\ + 398 \\ \hline \end{array}$$

(r)

$$\begin{array}{r} 706 \\ + 109 \\ \hline \end{array}$$

(s)

$$\begin{array}{r} 483 \\ + 298 \\ \hline \end{array}$$

(t)

$$\begin{array}{r} 374 \\ + 529 \\ \hline \end{array}$$



[3] Real life problems:

a

Adel read 67 pages of a book in one day.
In the next day he read 24 pages.
How many pages did he read in the two days ?
What he read = + = pages.



b

A travel company has two buses.
There are 34 tourists in the first bus
and 58 tourists in the second.
How many tourists are there in the two buses ?
The number of tourists = + = tourists.



c

A farmer had 482 hens and 109 ducks.
How many hens and ducks
did he have all together ?
What he has = + = birds.



d

Ali has 627 new stamps, if he had 246 old stamps.
How many stamps are in Ali's collection now ?
What Ali has = + = stamps.





ACTIVITY

Just like magic

Add :

 $\begin{array}{r} 55 \\ + 7 \\ \hline 62 \end{array}$	 $\begin{array}{r} 43 \\ + 44 \\ \hline 87 \end{array}$	 $\begin{array}{r} 50 \\ + 40 \\ \hline 90 \end{array}$
 $\begin{array}{r} 32 \\ + 40 \\ \hline 72 \end{array}$	 $\begin{array}{r} 37 \\ + 32 \\ \hline 69 \end{array}$	 $\begin{array}{r} 29 \\ + 9 \\ \hline 38 \end{array}$
 $\begin{array}{r} 25 \\ + 22 \\ \hline 47 \end{array}$	 $\begin{array}{r} 50 \\ + 3 \\ \hline 53 \end{array}$	 $\begin{array}{r} 52 \\ + 47 \\ \hline 99 \end{array}$
 $\begin{array}{r} 65 \\ + 18 \\ \hline 83 \end{array}$	 $\begin{array}{r} 23 \\ + 47 \\ \hline 70 \end{array}$	 $\begin{array}{r} 17 \\ + 18 \\ \hline 35 \end{array}$
 $\begin{array}{r} 23 \\ + 51 \\ \hline 74 \end{array}$	 $\begin{array}{r} 49 \\ + 18 \\ \hline 67 \end{array}$	

Use the answers and the letter on each lamp to solve the code :

$\overline{99}$	$\overline{62}$	$\overline{47}$	$\overline{62}$	$\overline{35}$	$\overline{35}$	$\overline{47}$	$\overline{69}$	$\overline{70}$	$\overline{72}$
-----------------	-----------------	-----------------	-----------------	-----------------	-----------------	-----------------	-----------------	-----------------	-----------------

$\overline{38}$	$\overline{87}$	$\overline{53}$	$\overline{74}$	$\overline{90}$	$\overline{53}$	$\overline{67}$	$\overline{69}$	$\overline{99}$	$\overline{90}$	$\overline{83}$	$\overline{72}$	$\overline{70}$	$\overline{90}$
-----------------	-----------------	-----------------	-----------------	-----------------	-----------------	-----------------	-----------------	-----------------	-----------------	-----------------	-----------------	-----------------	-----------------





Homework

1 Circle what is the value of the **blue** digit.

a.

36

60 or 6

b.

57

5 or 50

c.

40

40 or 4

d.

73

30 or 3

e.

26

2 or 20

f.

61

1 or 10

g.

71

70 or 7

h.

67

60 or 6

i.

14

10 or 1

j.

54

50 or 5

k.

84

4 or 40

l.

51

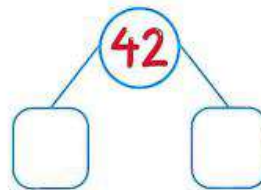
1 or 10



2 Decompose each number in two ways. Draw sticks to show Tens and dots to show Ones. Then write the Tens and Ones in the number boxes.

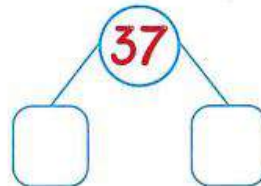
a.

Tens	Ones



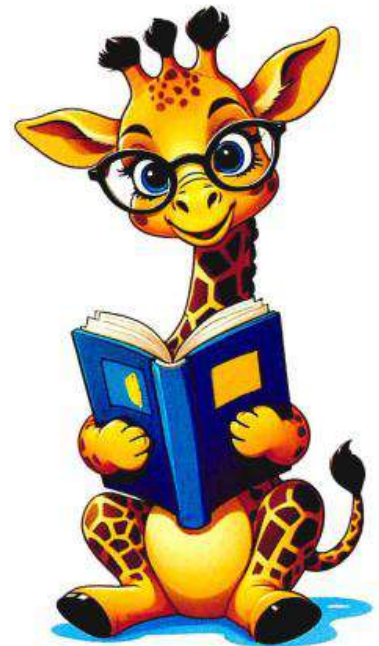
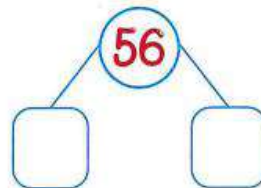
b.

Tens	Ones



c.

Tens	Ones





3 Choose the correct answer.

- | | |
|----------------------------------|---------------------|
| a. $40 + 2 = \underline{\quad}$ | (42 or 24 or 14) |
| b. $90 + 5 = \underline{\quad}$ | (59 or 509 or 95) |
| c. $6 + 70 = \underline{\quad}$ | (670 or 76 or 67) |
| d. $50 + 1 = \underline{\quad}$ | (501 or 51 or 15) |
| e. $9 + 10 = \underline{\quad}$ | (910 or 91 or 19) |
| f. $30 + 8 = \underline{\quad}$ | (38 or 83 or 308) |
| g. $70 + \underline{\quad} = 72$ | (2 or 20 or 22) |
| h. $\underline{\quad} + 5 = 35$ | (3 or 30 or 300) |
| i. $7 + \underline{\quad} = 87$ | (8 or 80 or 800) |



4 Solve each of the following addition problems.

a.

$\begin{array}{r} 52 \\ + 34 \\ \hline \end{array}$	Work area
---	-----------

b.

$\begin{array}{r} 21 \\ + 18 \\ \hline \end{array}$	Work area
---	-----------

c.

$\begin{array}{r} 36 \\ + 11 \\ \hline \end{array}$	Work area
---	-----------

d.

$\begin{array}{r} 62 \\ + 25 \\ \hline \end{array}$	Work area
---	-----------

e.

$\begin{array}{r} 83 \\ + 4 \\ \hline \end{array}$	Work area
--	-----------

f.

$\begin{array}{r} 73 \\ + 20 \\ \hline \end{array}$	Work area
---	-----------





Sheet (5)

[1] Subtract as the example:



Example :

$$\begin{array}{r} 857 \\ - 432 \\ \hline 425 \end{array}$$

$$\begin{array}{r} 347 \\ - 237 \\ \hline 110 \end{array}$$

$$\begin{array}{r} 782 \\ - 751 \\ \hline 31 \end{array}$$

(a)

$$\begin{array}{r} 857 \\ - 532 \\ \hline \end{array}$$

(b)

$$\begin{array}{r} 978 \\ - 725 \\ \hline \end{array}$$

(c)

$$\begin{array}{r} 950 \\ - 850 \\ \hline \end{array}$$

(d)

$$\begin{array}{r} 307 \\ - 203 \\ \hline \end{array}$$

(e)

$$\begin{array}{r} 453 \\ - 432 \\ \hline \end{array}$$

(f)

$$\begin{array}{r} 245 \\ - 213 \\ \hline \end{array}$$

(g)

$$\begin{array}{r} 747 \\ - 315 \\ \hline \end{array}$$

(h)

$$\begin{array}{r} 592 \\ - 471 \\ \hline \end{array}$$

(i)

$$\begin{array}{r} 689 \\ - 357 \\ \hline \end{array}$$

(j)

$$\begin{array}{r} 478 \\ - 145 \\ \hline \end{array}$$

(k)

$$\begin{array}{r} 897 \\ - 387 \\ \hline \end{array}$$

(l)

$$\begin{array}{r} 396 \\ - 125 \\ \hline \end{array}$$

(m)

$$\begin{array}{r} 879 \\ - 238 \\ \hline \end{array}$$

(n)

$$\begin{array}{r} 946 \\ - 45 \\ \hline \end{array}$$

(o)

$$\begin{array}{r} 666 \\ - 24 \\ \hline \end{array}$$

(p)

$$\begin{array}{r} 789 \\ - 23 \\ \hline \end{array}$$





[2] Subtract as the example:



Example :

$$\begin{array}{r} 4 \ 5 \ 8 \\ - \ 2 \ 3 \ 5 \\ \hline 2 \ 2 \ 3 \end{array}$$

Diagram illustrating the subtraction process with arrows and minus signs:

- Top arrow: 8 to 2 (minus sign above)
- Bottom arrow: 5 to 3 (minus sign below)
- Bottom arrow: 4 to 2 (minus sign below)

(a)

$$563 - 140 =$$

(b)

$$977 - 445 =$$

(c)

$$799 - 498 =$$

(d)

$$897 - \text{zero} =$$

(e)

$$674 - \text{zero} =$$

(f)

$$999 - 736 =$$

(g)

$$515 - 315 =$$

(h)

$$648 - 317 =$$

(i)

$$804 - 603 =$$

(j)

$$687 - 345 =$$

(k)

$$716 - 504 =$$

(l)

$$396 - 145 =$$

(m)

$$749 - 124 =$$

(n)

$$867 - 865 =$$

(o)

$$777 - 26 =$$

(p)

$$354 - 23 =$$





[3] Complete using (<), (>) or (=):



Example :

$$\begin{array}{r} 163 \\ \bullet 397 - 234 > 160 \end{array}$$

$$\begin{array}{r} 642 \\ \bullet 854 - 212 = 258 + 384 \end{array}$$

(a) $870 - 230$ 640

(b) $390 - 280$ 100

(c) $795 - 634$ 171

(d) $873 - 542$ 221

(e) $369 - 245$ one hundred and thirty-four

(f) $547 - 247$ 2 hundreds

(g) $590 - 470$ $987 - 886$

(h) $799 - 345$ $241 + 321$

(i) $685 - 423$ $149 + 113$

(j) $425 + 275$ $952 - 251$



[4] Real life problems:

28 rabbits running in the field. 17 run away.
How many rabbits are left ?





Use the 120 chart to estimate the following numbers.

a. 41 is closer to _____ b. 26 is closer to _____ c. 14 is closer to _____

d. 8 is closer to _____ e. 89 is closer to _____ f. 73 is closer to _____



Use the 120 chart to estimate.

a.
$$\begin{array}{r} 27 \\ + 11 \\ \hline \end{array}$$
 Think:
$$\begin{array}{r} \square \\ + \square \\ \hline \square \end{array}$$

27 + 11 is about _____

b.
$$\begin{array}{r} 62 \\ - 21 \\ \hline \end{array}$$
 Think:
$$\begin{array}{r} \square \\ - \square \\ \hline \square \end{array}$$

62 - 21 is about _____

c.
$$\begin{array}{r} 16 \\ + 40 \\ \hline \end{array}$$
 Think:
$$\begin{array}{r} \square \\ + \square \\ \hline \square \end{array}$$

16 + 40 is about _____

d.
$$\begin{array}{r} 59 \\ - 37 \\ \hline \end{array}$$
 Think:
$$\begin{array}{r} \square \\ - \square \\ \hline \square \end{array}$$

59 - 37 is about _____



Use place value strategy to estimate.

a.
$$\begin{array}{r} 52 \\ + 32 \\ \hline \end{array}$$
 Think:
$$\begin{array}{r} \square \\ + \square \\ \hline \square \end{array}$$

52 + 32 is about _____

b.
$$\begin{array}{r} 93 \\ - 52 \\ \hline \end{array}$$
 Think:
$$\begin{array}{r} \square \\ - \square \\ \hline \square \end{array}$$

93 - 52 is about _____

c.
$$\begin{array}{r} 11 \\ + 63 \\ \hline \end{array}$$
 Think:
$$\begin{array}{r} \square \\ + \square \\ \hline \square \end{array}$$

11 + 63 is about _____

d.
$$\begin{array}{r} 36 \\ - 14 \\ \hline \end{array}$$
 Think:
$$\begin{array}{r} \square \\ - \square \\ \hline \square \end{array}$$

36 - 14 is about _____





Homework

Use the 120 chart to estimate the following numbers.

a. 27 is closer to _____

c. 82 is closer to _____

e. 9 is closer to _____

g. 38 is closer to _____

i. 64 is closer to _____

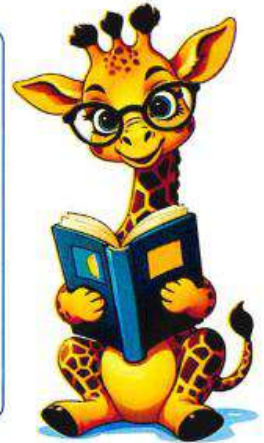
b. 71 is closer to _____

d. 87 is closer to _____

f. 57 is closer to _____

h. 41 is closer to _____

j. 12 is closer to _____



Find the answer.

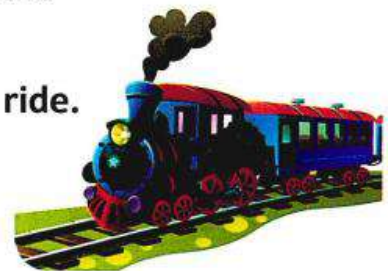
- a. A bookstore sold 34 books on Wednesday and 23 books on Thursday.

Estimate how many books sold on the two days.



- b.  Raj has a 64-minute train ride. He has been on the train for 32 minutes.

Estimate how many minutes are left on his train ride.





Find the sum of each of the following.

a.

$$\begin{array}{r} 34 \\ + 7 \\ \hline \end{array}$$

b.

$$\begin{array}{r} 19 \\ + 8 \\ \hline \end{array}$$

c.

$$\begin{array}{r} 7 \\ + 45 \\ \hline \end{array}$$

d.

$$\begin{array}{r} 28 \\ + 5 \\ \hline \end{array}$$

e.

$$\begin{array}{r} 17 \\ + 29 \\ \hline \end{array}$$

f.

$$\begin{array}{r} 23 \\ + 35 \\ \hline \end{array}$$

g.

$$\begin{array}{r} 41 \\ + 14 \\ \hline \end{array}$$

h.

$$\begin{array}{r} 74 \\ + 16 \\ \hline \end{array}$$

i.

$$\begin{array}{r} 46 \\ + 38 \\ \hline \end{array}$$

j.

$$\begin{array}{r} 28 \\ + 14 \\ \hline \end{array}$$

k.

$$\begin{array}{r} 76 \\ + 17 \\ \hline \end{array}$$

l.

$$\begin{array}{r} 69 \\ + 25 \\ \hline \end{array}$$

m.

$$\begin{array}{r} 53 \\ + 18 \\ \hline \end{array}$$

n.

$$\begin{array}{r} 35 \\ + 35 \\ \hline \end{array}$$

o.

$$\begin{array}{r} 39 \\ + 19 \\ \hline \end{array}$$

p.

$$\begin{array}{r} 48 \\ + 27 \\ \hline \end{array}$$

q.

$$\begin{array}{r} 26 \\ + 37 \\ \hline \end{array}$$

r.

$$\begin{array}{r} 78 \\ + 12 \\ \hline \end{array}$$

s.

$$\begin{array}{r} 33 \\ + 49 \\ \hline \end{array}$$

t.

$$\begin{array}{r} 47 \\ + 18 \\ \hline \end{array}$$

u.

$$\begin{array}{r} 54 \\ + 39 \\ \hline \end{array}$$

v.

$$\begin{array}{r} 19 \\ + 18 \\ \hline \end{array}$$

w.

$$\begin{array}{r} 38 \\ + 55 \\ \hline \end{array}$$

x.

$$\begin{array}{r} 62 \\ + 18 \\ \hline \end{array}$$

y.

$$\begin{array}{r} 77 \\ + 14 \\ \hline \end{array}$$





Sheet (6)

Polygons

Examples for Polygons



3 line
segments



3 line
segments



4 line
segments



4 line
segments



5 line
segments



5 line
segments



6 line
segments



6 line
segments

Note that :



Not a polygon
(has a curve)

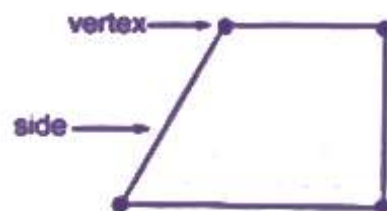


Not a polygon
(open, not closed)

Remark :

In any polygon :

- (1) The line segments that formed a polygon are called sides.
- (2) A point where the sides of a polygon intersect is called a vertex.





[1] Put (✓) under every polygon:

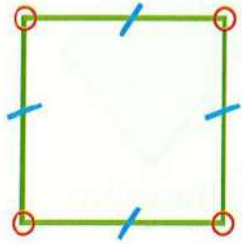
a  ✓	b 	c 
d 	e 	f 
g 	h 	i 
j 	k 	l 
m 	n 	o 



[2] Complete as the example:

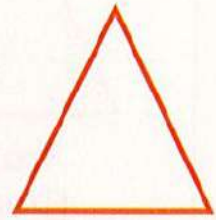
Square

4 sides
4 vertices



Triangle

___ sides
___ vertices



Rectangle

___ sides
___ vertices



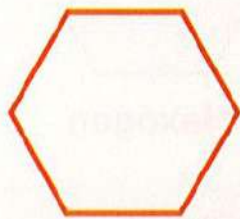
Circle

___ sides
___ vertices



Hexagon

___ sides
___ vertices



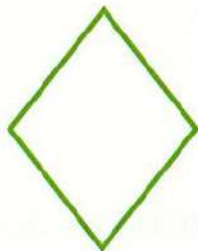
Trapezoid

___ sides
___ vertices



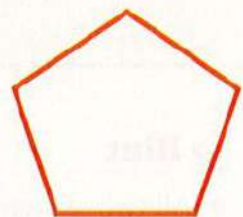
Rhombus

___ sides
___ vertices



Pentagon

___ sides
___ vertices





[3] Complete the table:

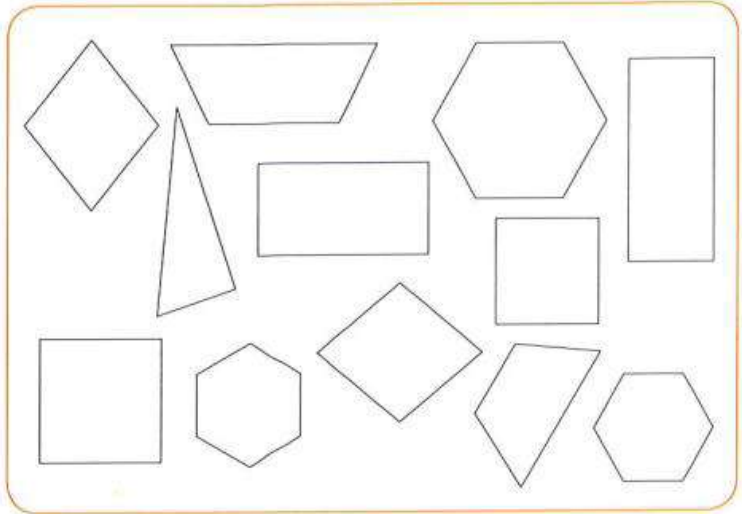
Shape	Name	Attributes	
		Sides	Vertices
	Triangle		
	Square		
	Rectangle		
	Trapezoid		
	Rhombus		
	Pentagon		
	Hexagon		



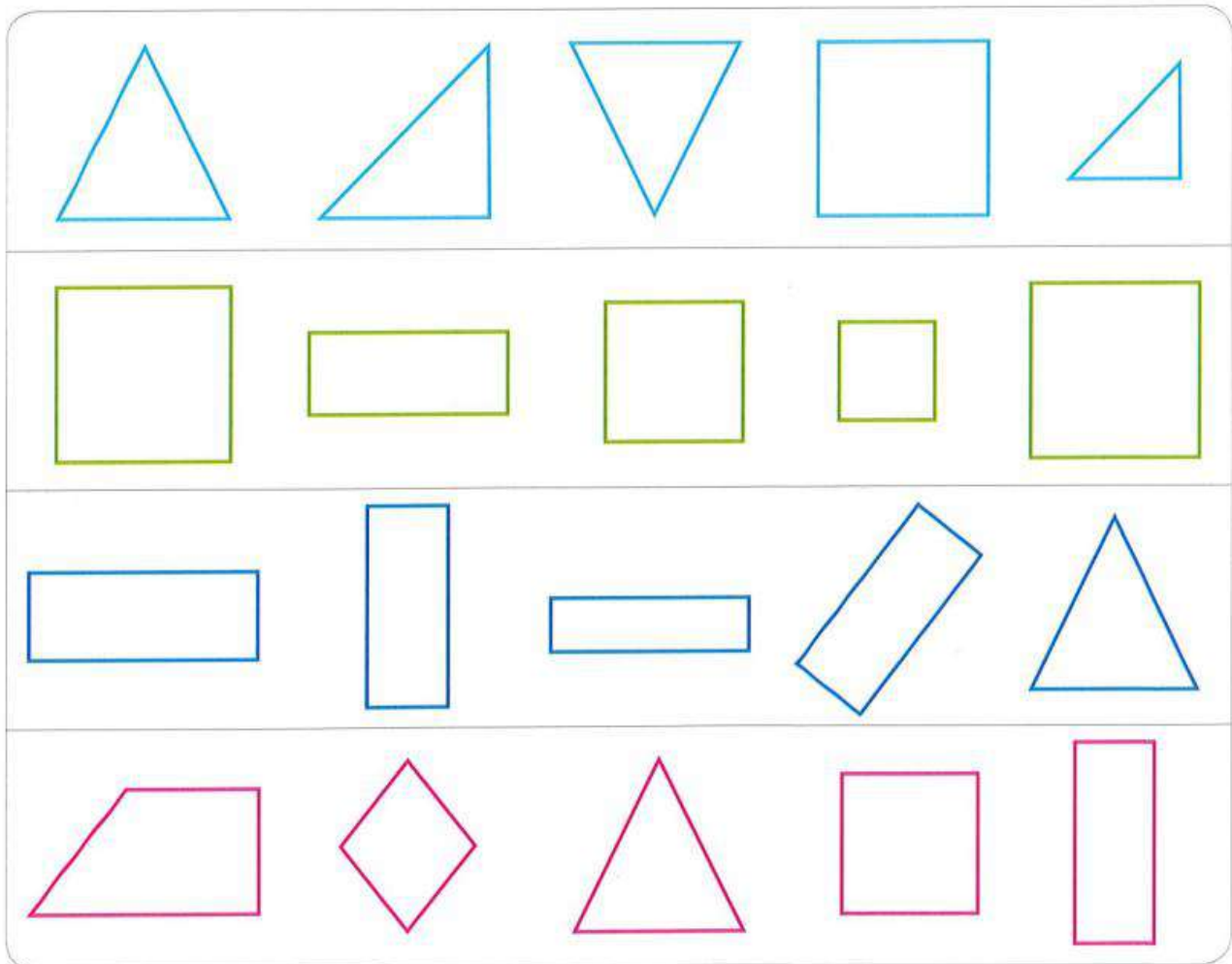


Color.

- Color the hexagons **red**.
- Color the triangles **green**.
- Color the trapezoids **blue**.
- Color the rhombuses **yellow**.
- Color the squares **pink**.
- Color the rectangles **brown**.



Circle the different shape.





Remember



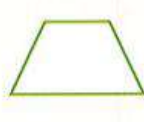
Triangle



Square



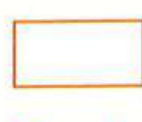
Hexagon

Trapezoid
(Trapezium)

Pentagon



Circle



Rectangle

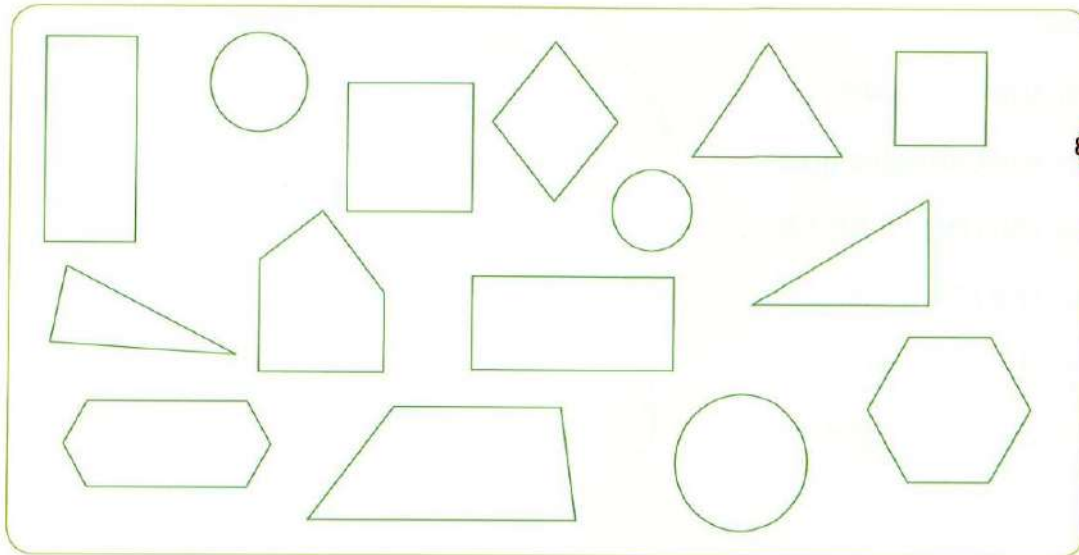


Rhombus

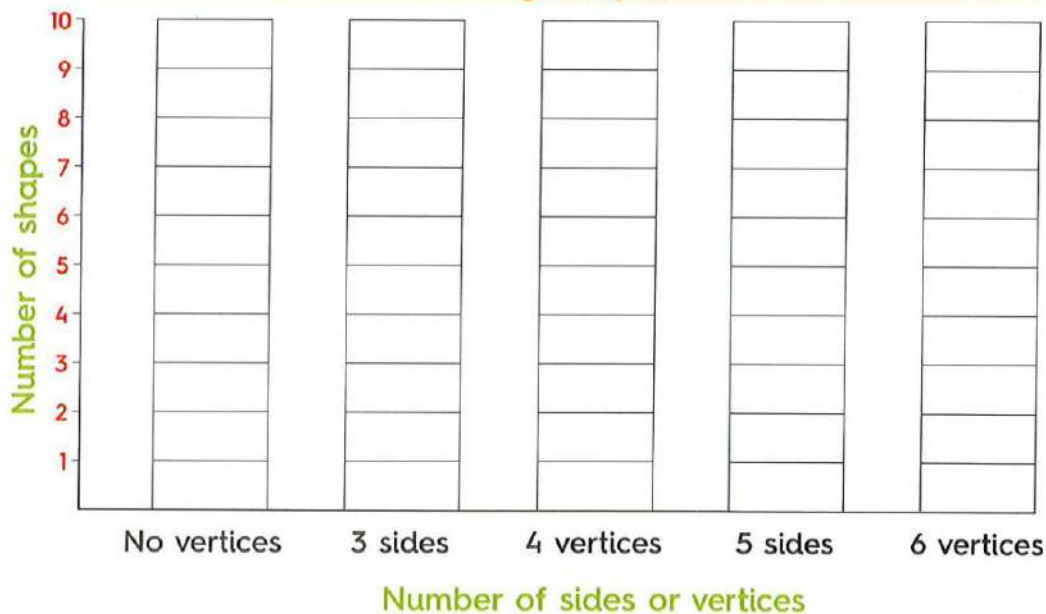


Sort the shapes by the number of sides and vertices.
Complete the bar graph. Answer the questions.

Remember:
Color 1 box for
each shape.



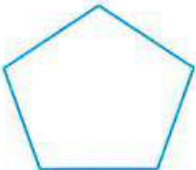
Sorting shapes





Homework

Complete the table. The first one is done for you.

Shape	Name	Number of sides	Number of vertices
a. 	<i>Square</i>	<u>4</u>	<u>4</u>
b. 	_____	_____	_____
c. 	_____	_____	_____
d. 	_____	_____	_____
e. 	_____	_____	_____
f. 	_____	_____	_____
g. 	_____	_____	_____





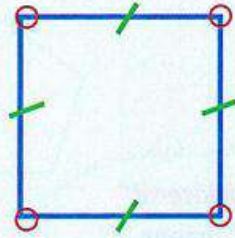
Write the name, and how many sides and vertices there are.

a.

Name : _____

_____ sides

_____ vertices

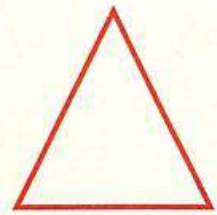


b.

Name : _____

_____ sides

_____ vertices



c.

Name : _____

_____ sides

_____ vertices

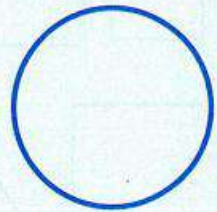


d.

Name : _____

_____ sides

_____ vertices

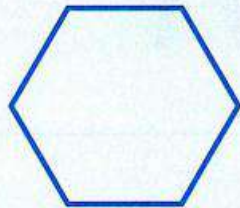


e.

Name : _____

_____ sides

_____ vertices

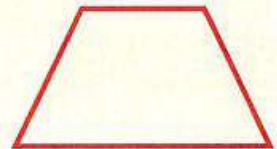


f.

Name : _____

_____ sides

_____ vertices

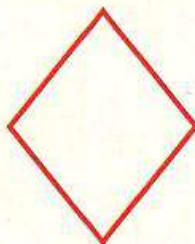


g.

Name : _____

_____ sides

_____ vertices

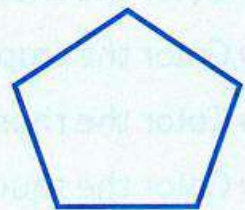


h.

Name : _____

_____ sides

_____ vertices





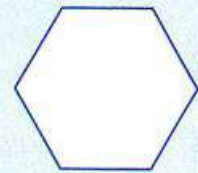
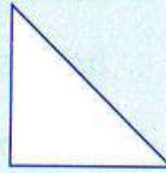
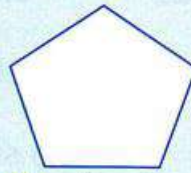
Circle the shape that answers the question.

a.

I am a two-dimensional shape.

I have 4 sides.

Which shape am I ?



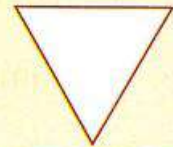
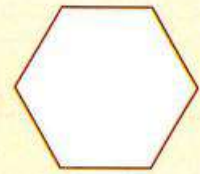
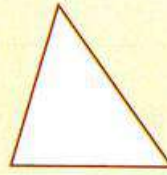
b.

I am a two-dimensional shape.

I have more than 3 sides.

I have fewer than 6 vertices.

Which shape am I ?



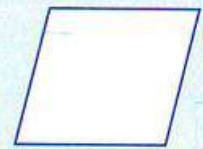
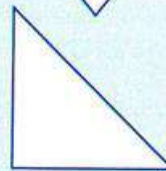
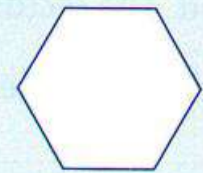
c.

I am a two-dimensional shape.

I have fewer than 6 sides.

I have fewer than 4 vertices.

Which shape am I ?



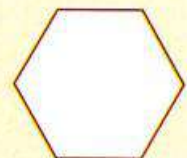
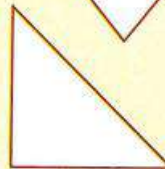
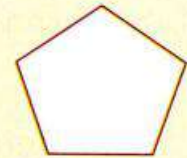
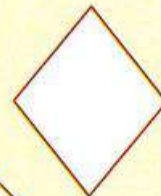
d.

I am a two-dimensional shape.

I have fewer than 6 vertices.

I have more than 4 sides.

Which shape am I ?



**Complete.**

- The rectangle has _____ sides and _____ vertices.
- The _____ has 3 sides and 3 vertices.
- The _____ has 5 sides.
- The _____ has 6 sides.
- The _____ has no sides.
- The _____, _____, _____, _____ are quadrilaterals.

**Put (✓) to the correct statement or (x) to the incorrect statement.**

- The hexagon is a quadrilateral. ()
- The number of sides of the square equals 4. ()
- The triangle has 4 sides. ()
- The rectangle has 4 vertices. ()
- The circle has 1 side. ()

Match.

a. Square has •

b. Hexagon has •

c. Pentagon has •

d. Triangle has •

e. Circle has •

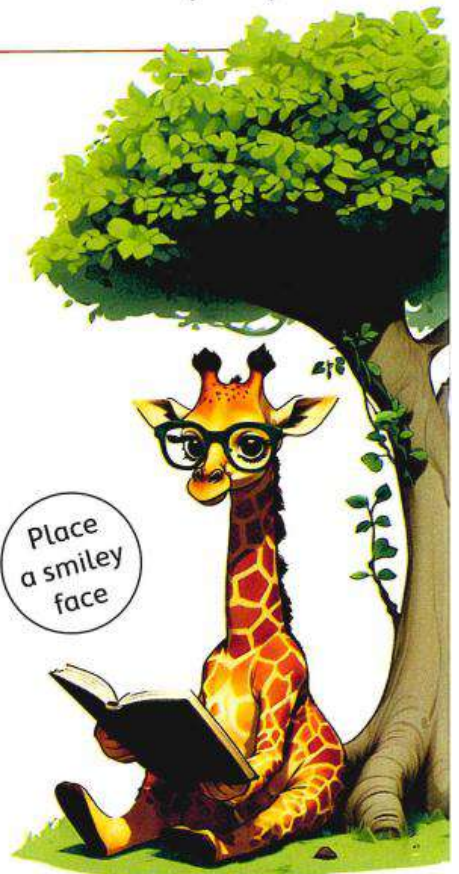
• 5 sides

• 3 sides

• 0 sides

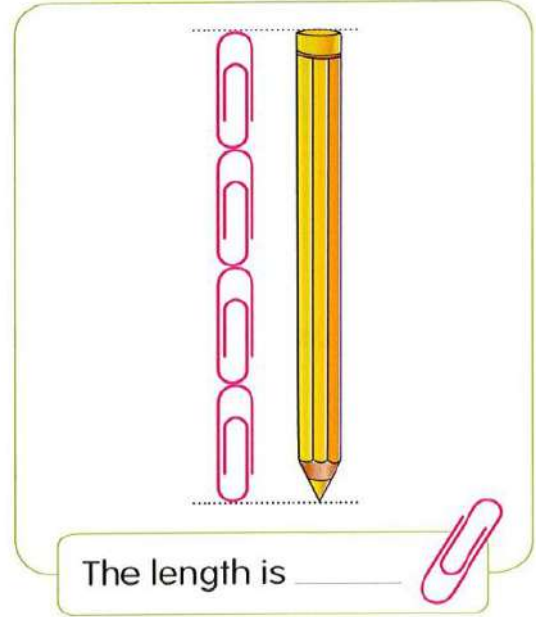
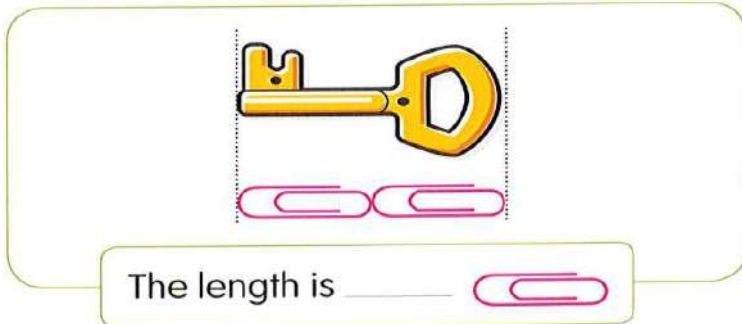
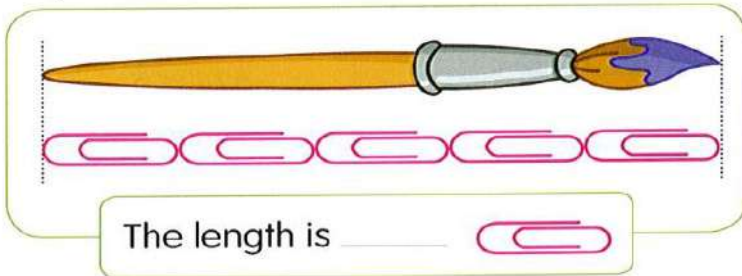
• 4 sides

• 6 sides

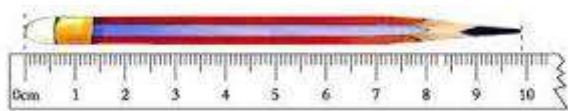


Sheet (7)

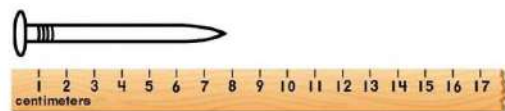
[1] Write the length of each object:



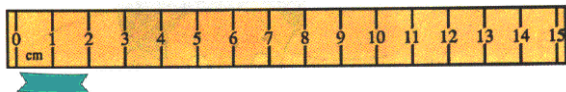
[2] Complete:



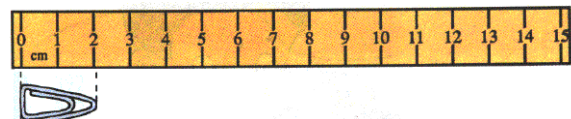
About cm



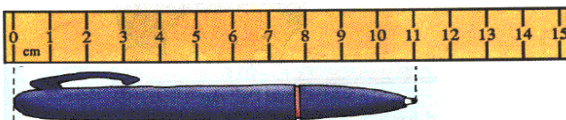
About cm



.....



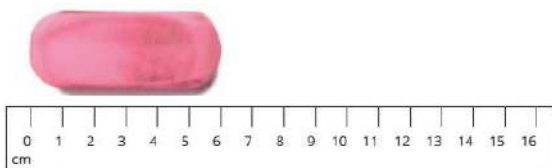
.....



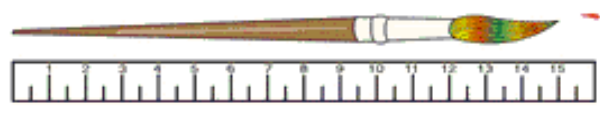
.....



.....

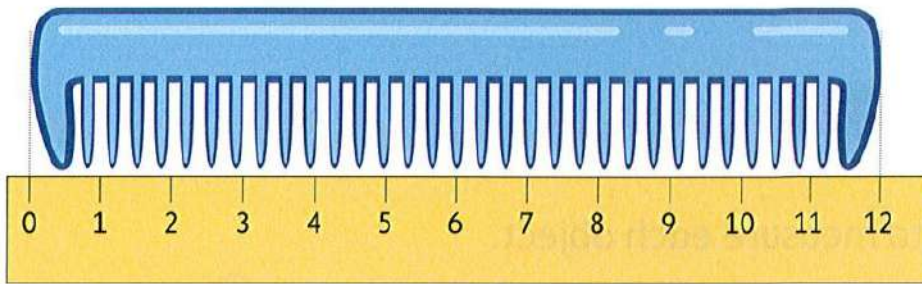


Pink eraser:
_____ centimeters

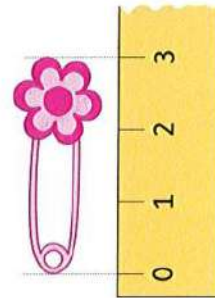


about _____ centimeters

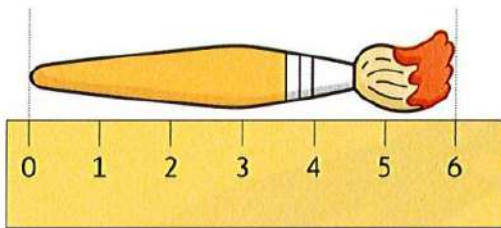
[3] Write the length of each object:



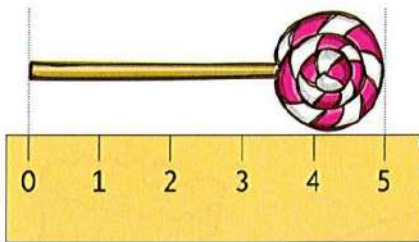
_____ centimeter



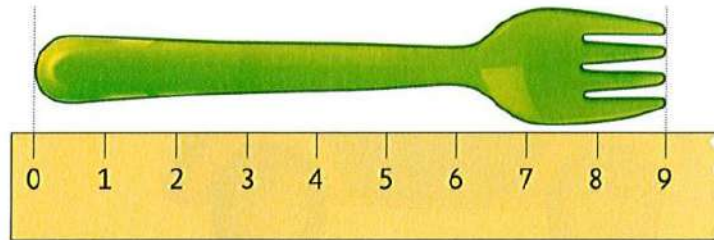
_____ centimeter



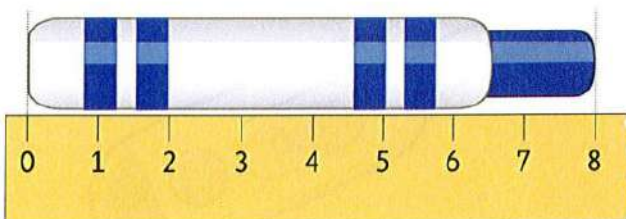
_____ centimeter



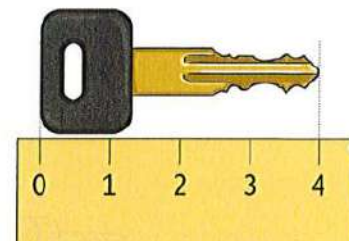
_____ centimeter



_____ centimeter



_____ centimeter



_____ centimeter



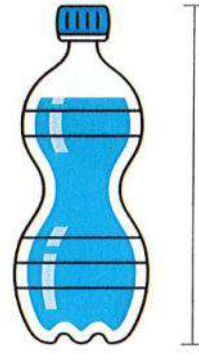


[4] Choose the suitable unite:



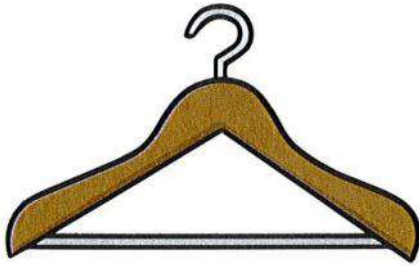
centimeter

meter



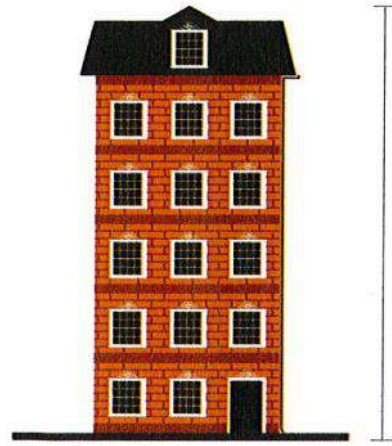
centimeter

meter



centimeter

meter



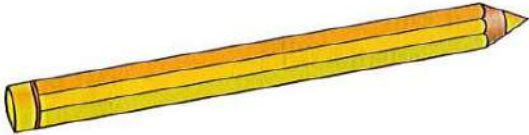
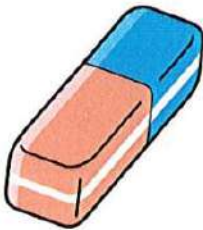
centimeter

meter





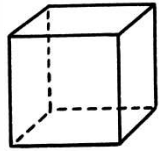
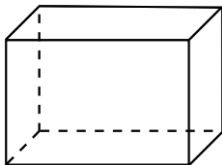
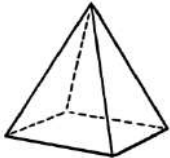
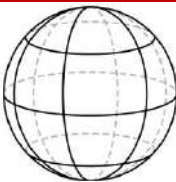
Estimate in centimeters. Choose the suitable estimation.

Find the object	Estimate the length
Pencil 	☐ 2 cm ☐ 12 cm ☐ 30 cm ☐ 50 cm
Eraser 	☐ 30 cm ☐ 20 cm ☐ 10 cm ☐ 4 cm
Shoe 	☐ 8 cm ☐ 80 cm ☐ 18 cm ☐ 38 cm
Notebook 	☐ 2 cm ☐ 25 cm ☐ 50 cm ☐ 100 cm
Mobile 	☐ 5 cm ☐ 15 cm ☐ 50 cm ☐ 80 cm



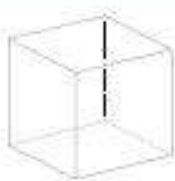
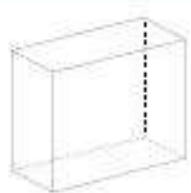


Solids

Solid	Number of faces	Number of edges	Number of vertices
 Cube	6	12	8
 Rectangular prism	6	12	8
 Square pyramid	4 + 1 base	8	5
 Cylinder	2 bases	0	0
 Sphere	0	0	0

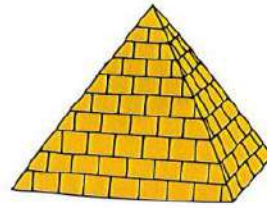


[1] Complete the table:

Name	Shape	Faces	Edges	Vertices
Square-based pyramid	 			
Cylinder	 			
Sphere	 			
Cube	 			
Rectangular prism	 			



[2] Join each solid to its name:



Pyramid

Sphere

Cube

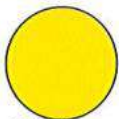
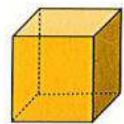
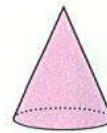
Cylinder

Rectangular
prism

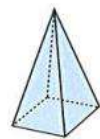
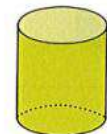
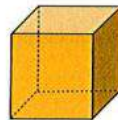
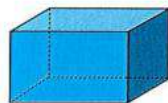
[3] Circle the solid in which you can see the given shape:



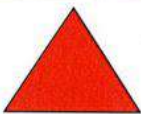
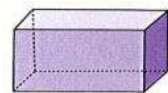
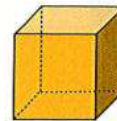
Square



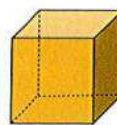
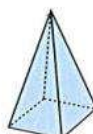
Circle



Rectangle



Triangle



Write how many faces, edges and vertices there are.

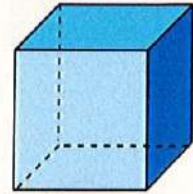
Sphere

_____ vertices
_____ flat faces
_____ edges



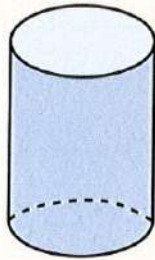
Cube

_____ vertices
_____ flat faces
_____ edges



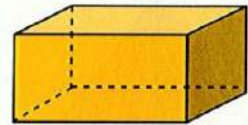
Cylinder

_____ vertices
_____ flat faces
_____ edges



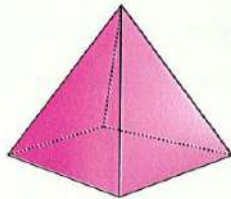
Rectangular prism

_____ vertices
_____ flat faces
_____ edges



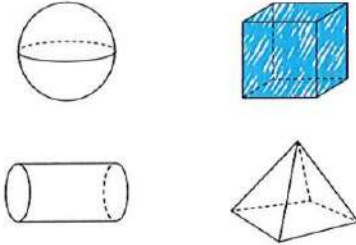
Square-based pyramid

_____ vertices
_____ flat faces
_____ edges

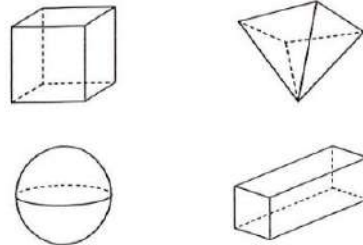


Color the solid figure that matches the number of faces, edges, and vertices. The first one is done for you.

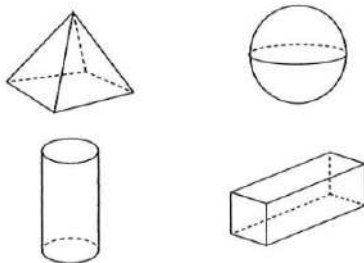
6 faces, 12 edges, 8 vertices



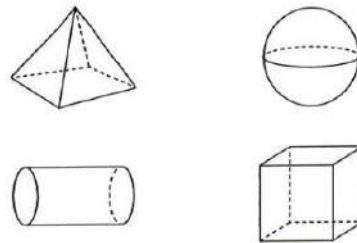
5 faces, 8 edges, 5 vertices



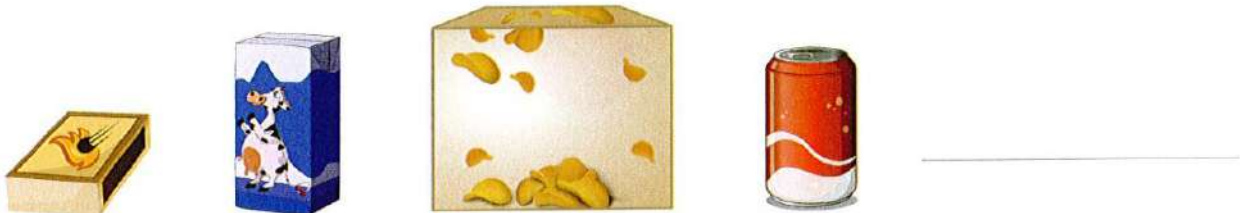
6 faces, 12 edges, 8 vertices



0 faces, 0 edges, 0 vertices



Circle the objects that have the same shape. Crossout the object that does not belong. Name the solid figures you circled.





Join each solid with its name. The first one is done for you.

Pyramid

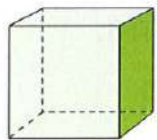
Sphere

Rectangular prism

Cylinder

Cube

Name each solid and write the missing number. The first one is done for you.



Name : Cube

8

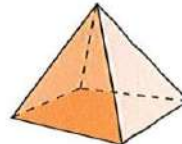
vertices

12

edges

6

faces



Name : _____

vertices

edges

faces

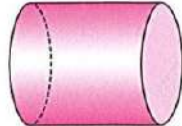


Name : _____

vertices

edges

faces



Name : _____

vertices

edges

faces



Name : _____

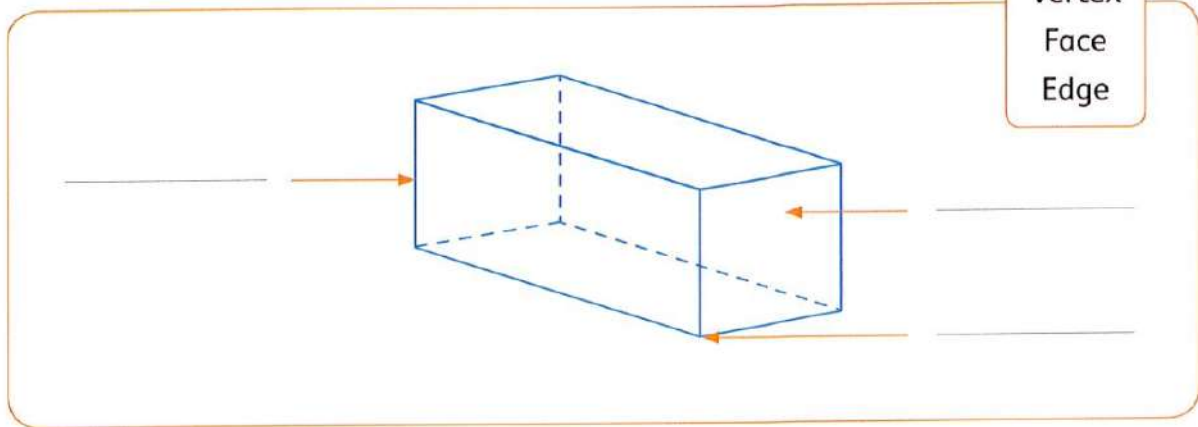
vertices

edges

faces

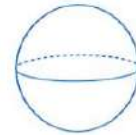
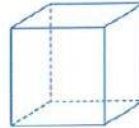
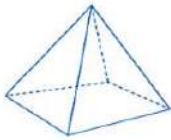


Use the words to label the parts of the figure.

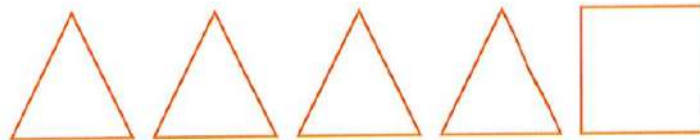


Choose.

1 Which solid figure has 6 faces ?



2 These faces can be put together to make which solid figure ?



• sphere

• cube

• cylinder

• pyramid

3 A two-dimensional shape whose 4 sides are equal in length is _____

• rectangle

• circle

• triangle

• rhombus

4 A two-dimensional shape with 4 sides (2 short sides that are equal and 2 long sides that are equal) is _____

• square

• hexagon

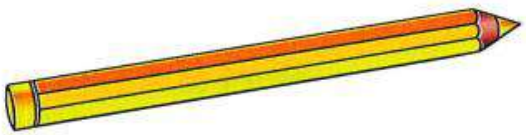
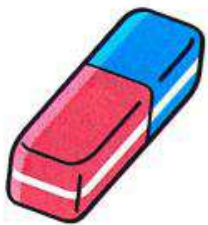
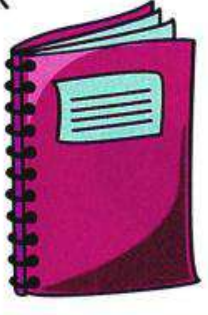
• rectangle

• trapezoid



**Homework**

Estimate in centimeters. Choose the suitable estimation.

Find the object	Estimate the length
a. Pencil 	☐ 2 cm ☐ 12 cm ☐ 30 cm ☐ 50 cm
b. Eraser 	☐ 30 cm ☐ 20 cm ☐ 10 cm ☐ 4 cm
c. Shoe 	☐ 8 cm ☐ 80 cm ☐ 18 cm ☐ 38 cm
d. Notebook 	☐ 2 cm ☐ 25 cm ☐ 50 cm ☐ 100 cm
e. Mobile 	☐ 5 cm ☐ 15 cm ☐ 50 cm ☐ 80 cm



Write the name, and how many faces, edges and vertices there are.

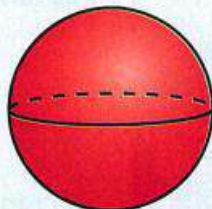
a.

Name : _____

_____ vertices

_____ flat faces

_____ edges



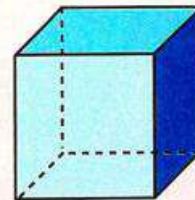
b.

Name : _____

_____ vertices

_____ flat faces

_____ edges



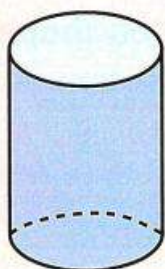
c.

Name : _____

_____ vertices

_____ flat faces

_____ edges



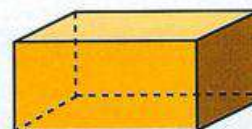
d.

Name : _____

_____ vertices

_____ flat faces

_____ edges



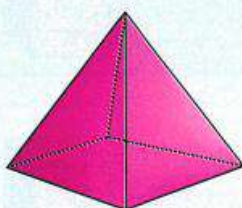
e.

Name : _____

_____ vertices

_____ flat faces

_____ edges



**Sheet (8)****Measuring the weight**

We use the grams to measure the small mass such as:



We use the kilograms to measure the big mass such as:



[1] Circle the suitable unit:



1. grams (gm) or kilograms (kg)?



2. grams (gm) or kilograms (kg)?



3. grams (gm) or kilograms (kg)?



4. grams (gm) or kilograms (kg)?



5. grams (gm) or kilograms (kg)?



6. grams (gm) or kilograms (kg)?



7. grams (gm) or kilograms (kg)?



8. grams (gm) or kilograms (kg)?





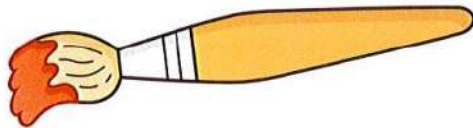
grams

kilograms



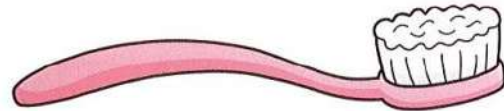
grams

kilograms



grams

kilograms



grams

kilograms



grams

kilograms



grams

kilograms



grams

kilograms



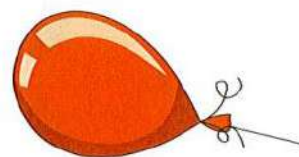
grams

kilograms



grams

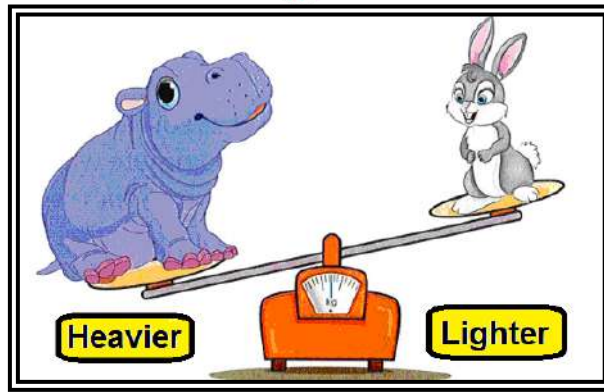
kilograms



grams

kilograms





[2] Put (✓) under the lighter:



()



()



()



()



()



()



()



()



()



()



()



()





[2] Put (✓) under the heavier:



()



()



()



()



()



()



()



()



()



()



()



()



[3] Arrange from lighter to heavier:



()



()



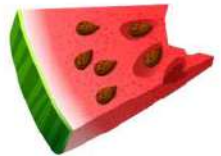
()



()



()



()



()



()



()



()



()



()





[4] Arrange from heavier to lighter:



()



()



()



()



()



()



()



()



()



()



()



()



()



()



()



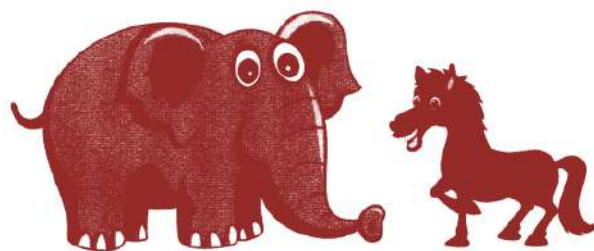


[5] Circle the heavier:

(a)



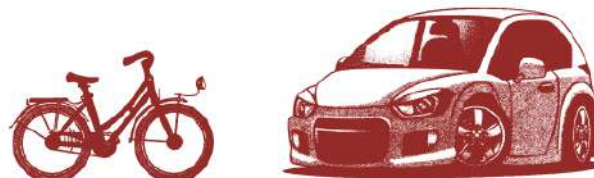
(b)



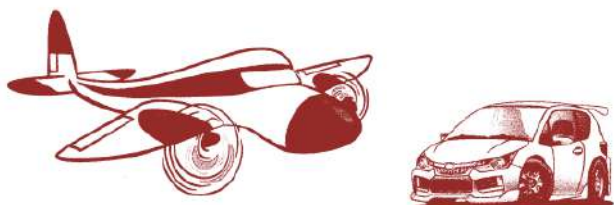
(c)



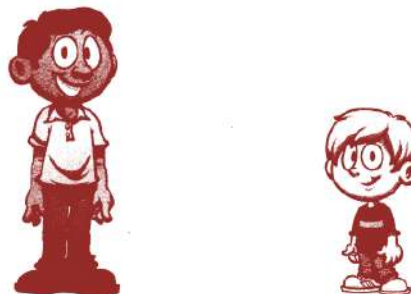
(d)



(e)



(f)



(g)



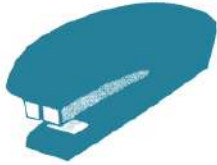
(h)





[6] Circle the lighter:

(a)



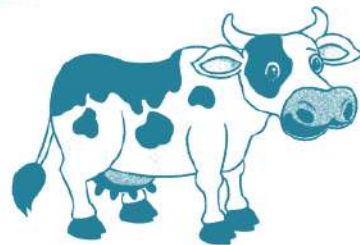
(b)



(c)



(d)



(e)



(f)



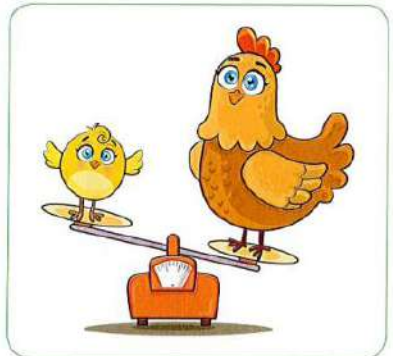
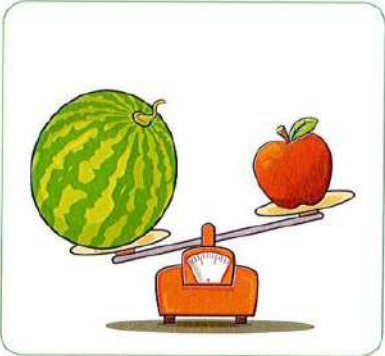
(g)



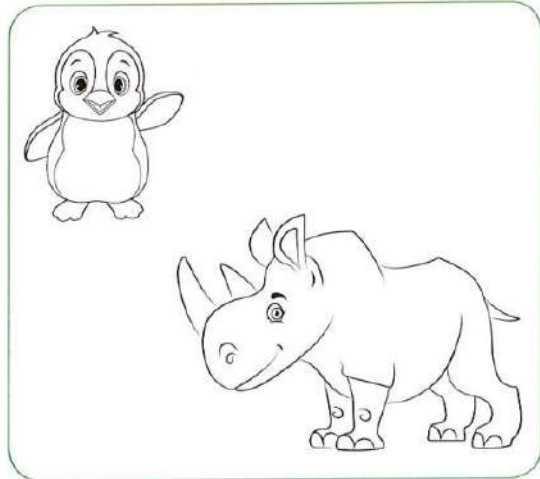
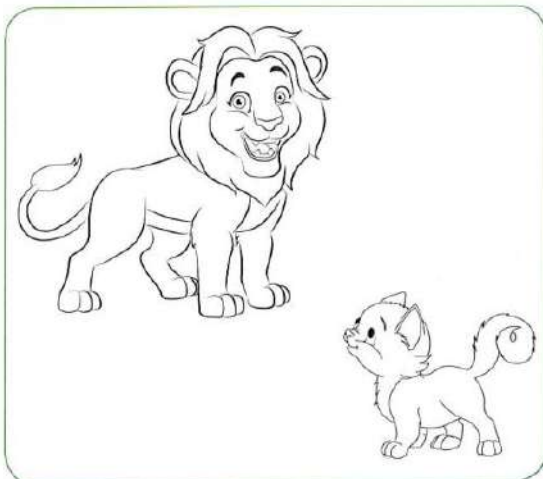
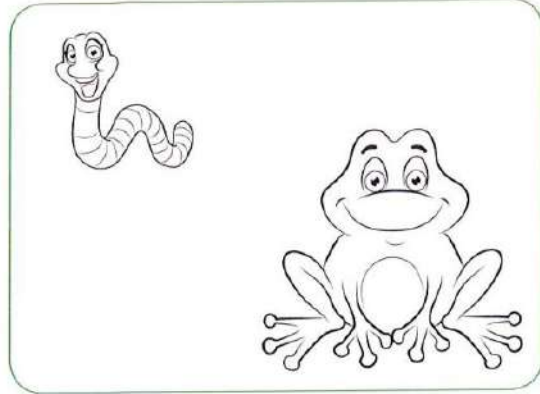
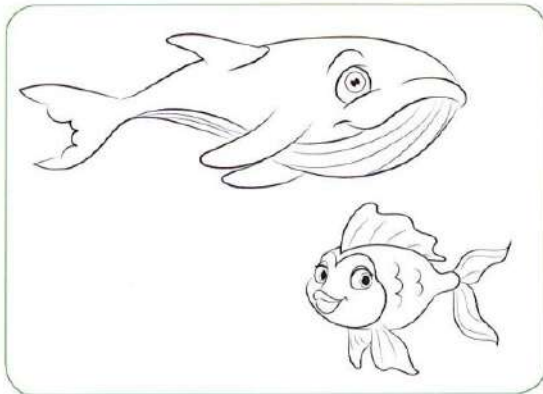
(h)



[7] Circle the lighter:



[8] Color the heavier:





Homework

Circle the better unit you would use to measure the real object.

a. 



grams

kilograms

b. 



grams

kilograms

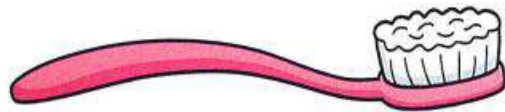
c. 



grams

kilograms

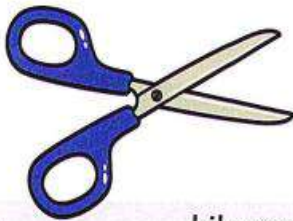
d.



grams

kilograms

e. 



grams

kilograms

f. 



grams

kilograms

g.



grams

kilograms

h. 



grams

kilograms

i. 



grams

kilograms

j. 



grams

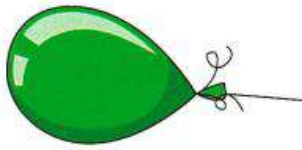
kilograms





Look at each object. Circle the better estimation.

a.



1 gram

 $\frac{1}{2}$ kilogram

b.



1 gram

5 kilograms

c.

 $\frac{1}{2}$ kilogram

5 kilograms

d.



1 kilogram

1 gram

e.



1 gram

1 kilogram

f.



1 kilogram

10 kilograms

g.



1 gram

1 kilogram

h.



2 grams

2 kilograms

i.



15 grams

15 kilograms

j.



10 kilograms

100 kilograms



Estimate 1 gm, 5 kg or 10 kg, then arrange from least to greatest mass.
The first one is done for you.

a.



10 kg
3



1 gm
1



5 kg
2

b.



○



○



○

c.



○



○



○

d.



○



○



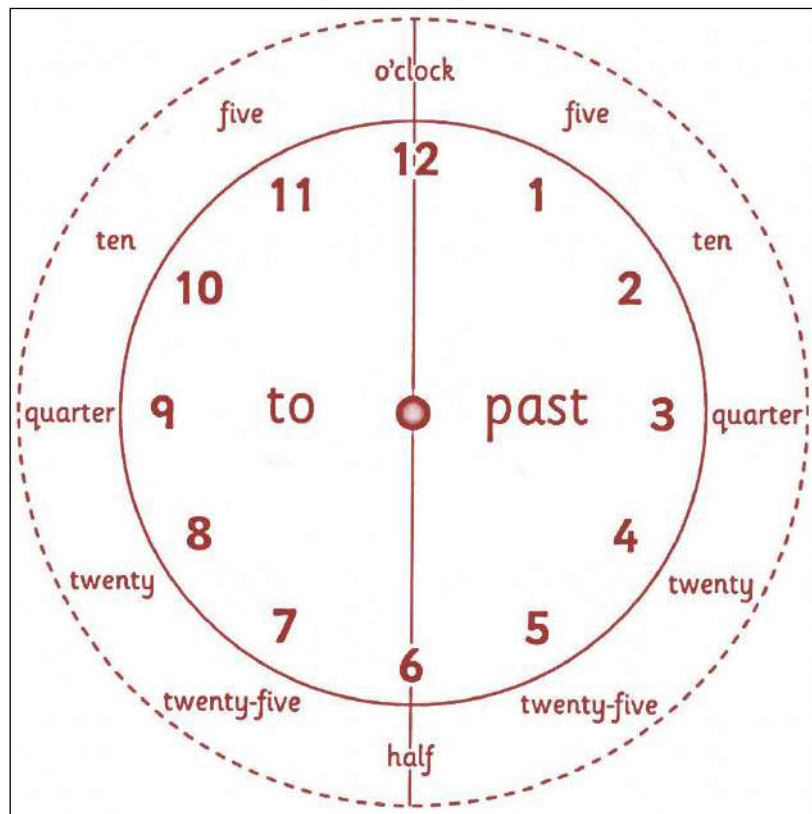
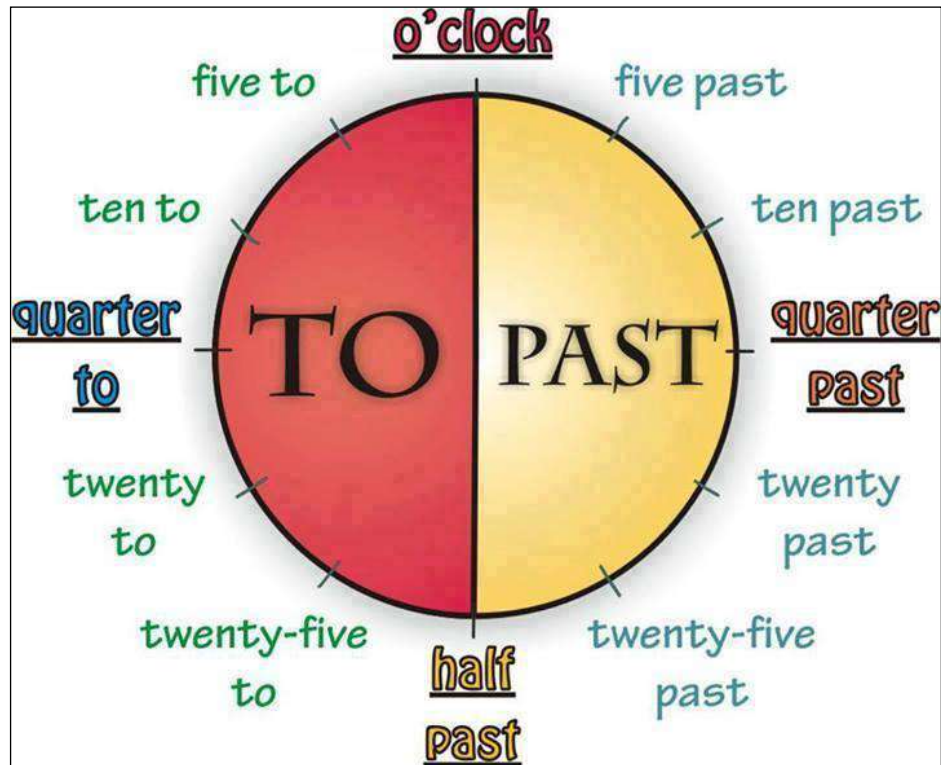
○





Sheet (9)

TELLING TIME





[1] What is the time?

(a)



.....
..... :

(b)



.....
..... :

(c)



.....
..... :

(d)



.....
..... :

(e)



.....
..... :

(f)



.....
..... :

(g)



.....
..... :

(h)



.....
..... :

(i)



.....
..... :



Write the time.



_____ o'clock



_____ o'clock



_____ o'clock



[2] What is the time?

a



.....
..... :

b



.....
..... :

c



.....
..... :

d



.....
..... :

e



.....
..... :

f



.....
..... :

g



.....
..... :

h



.....
..... :

i



.....
..... :

j



.....
..... :

k



.....
..... :

l



.....
..... :



[3] Circle the suitable time:

eat breakfast



A.M.

P.M.

practice basketball



A.M.

P.M.

go to art class



A.M.

P.M.

set the table for dinner



A.M.

P.M.

read a bedtime story



A.M.

P.M.

arrive at school



A.M.

P.M.

ride home from school



A.M.

P.M.

sleeping

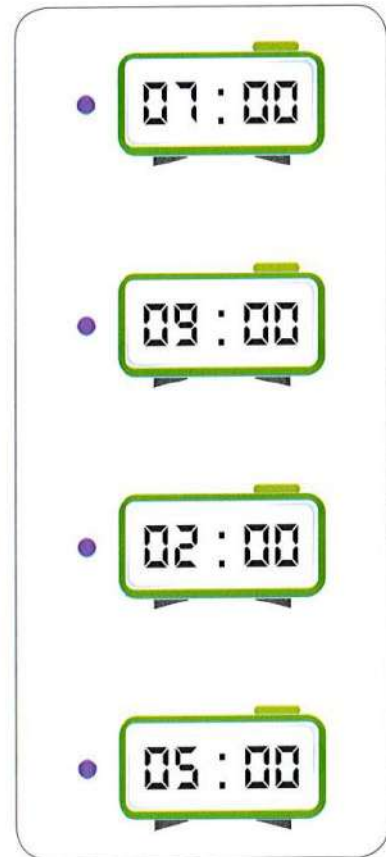
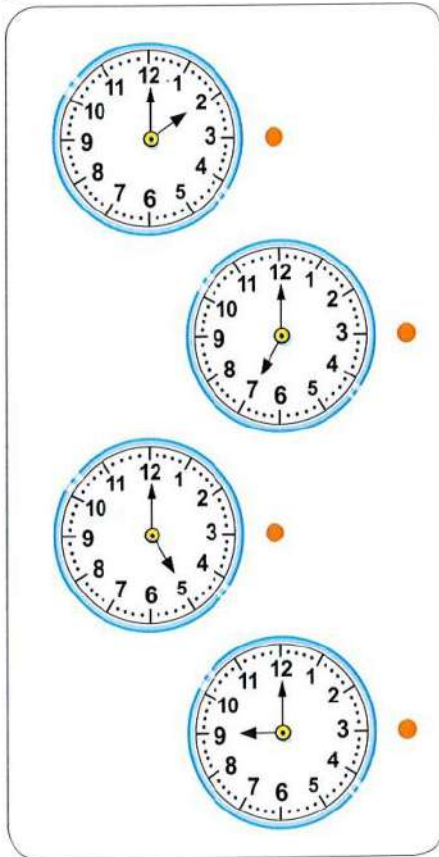


A.M.

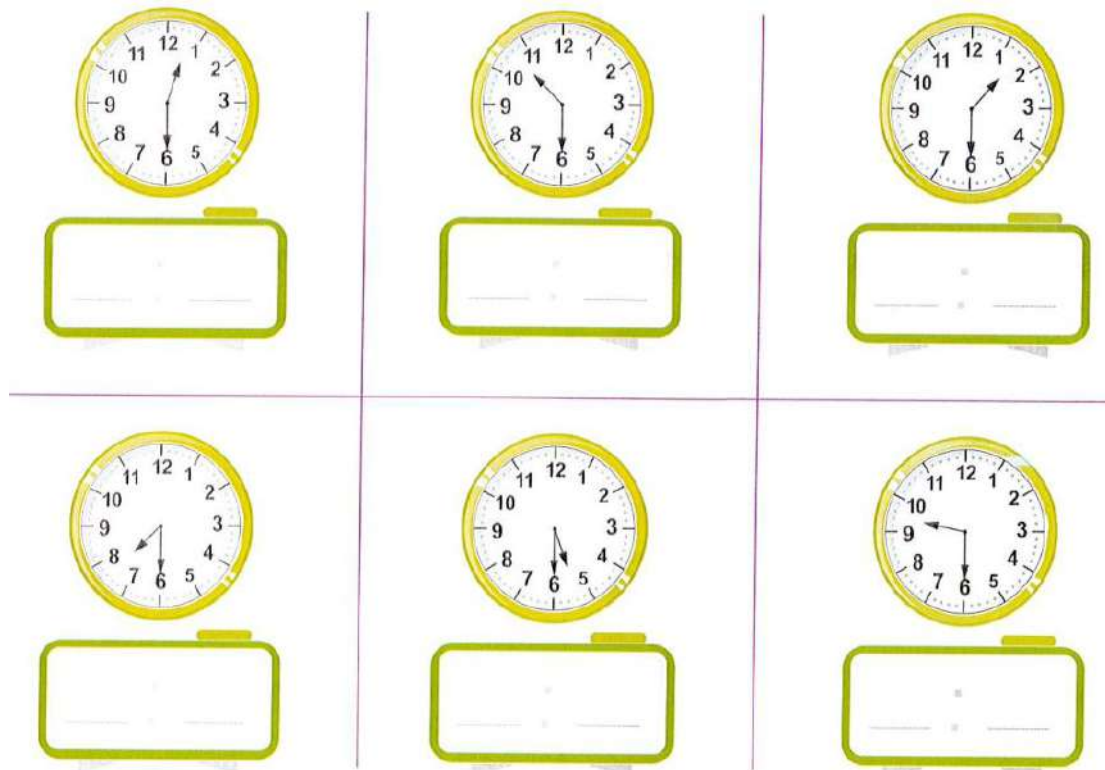
P.M.



[4] Match:



[5] Write the time:



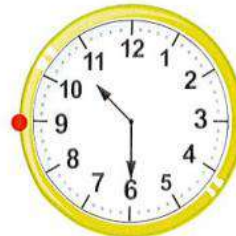
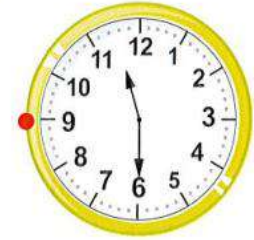
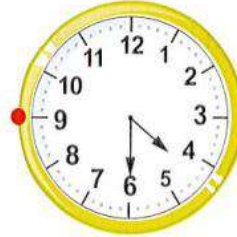
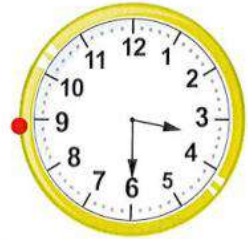
[6] Match:

• half past 10 •

• half past 4 •

• Half past 11 •

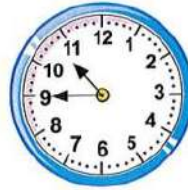
• half past 3 •



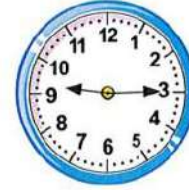
[7] Choose the correct answer:



quarter past 5 quarter to 5



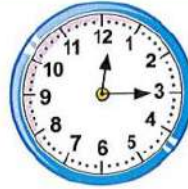
quarter past 11 quarter to 11



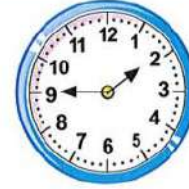
quarter past 9 quarter to 9



quarter past 4 quarter to 4



quarter past 12 quarter to 12



quarter after 2 quarter to 2





Homework

Write the time. The first one is done for you.

a.



3 o'clock

b.



_____ o'clock

c.



_____ o'clock

d.



_____ o'clock

e.



_____ o'clock

f.



_____ o'clock

g.



_____ o'clock

h.



_____ o'clock

Join the two clocks that tell the same time.

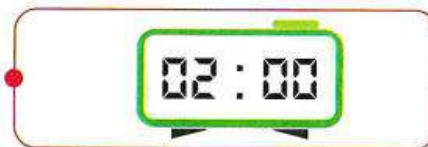
a.



b.



c.



d.



Write the time shown on the clock.

a.



9 o'clock

b.



11 o'clock

c.



4 o'clock

d.



6 o'clock

e.



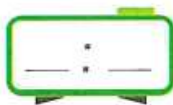
5 o'clock

f.



1 o'clock

g.



12 o'clock

h.



8 o'clock

i.



3 o'clock

Show the time on the clock.

a.



4 o'clock

b.



7 o'clock

c.



6 o'clock

d.



9 o'clock

e.



10 o'clock

f.



12 o'clock

g.



1 o'clock

h.



5 o'clock

i.



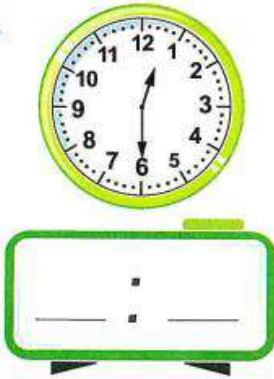
2 o'clock



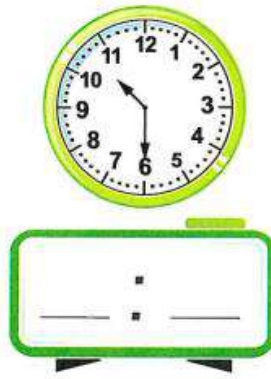
Reading time with halves

Write the time.

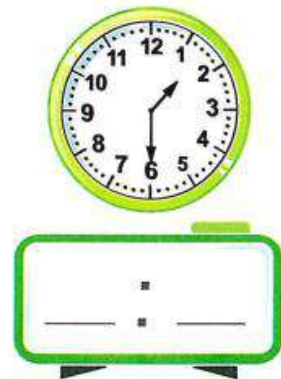
a.



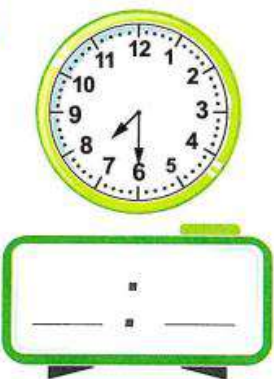
b.



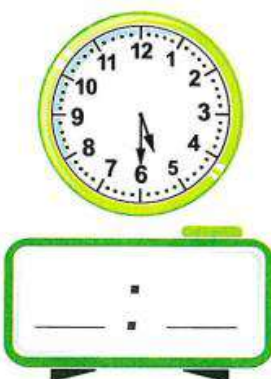
c.



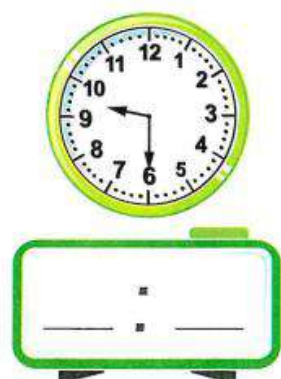
d.



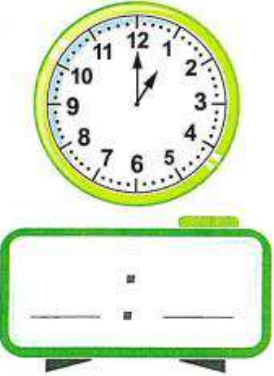
e.



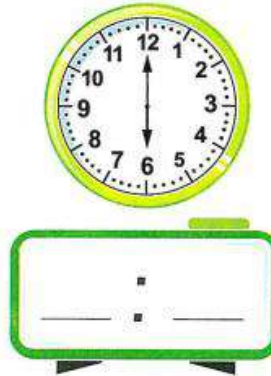
f.



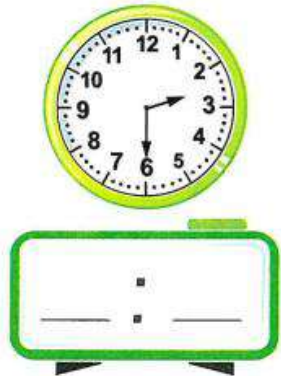
g.



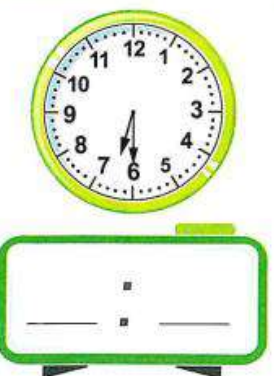
h.



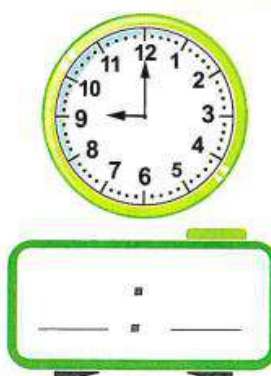
i.



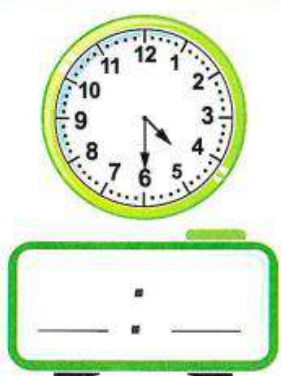
j.



k.



l.





What time is it ?

a.



b.



c.



d.



e.



f.



g.



h.



i.



j.



k.



l.



m.



n.



o.







Match.

a. Half past 10

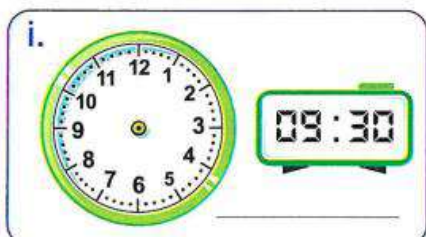
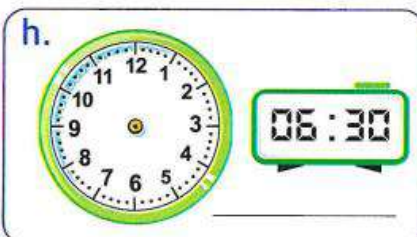
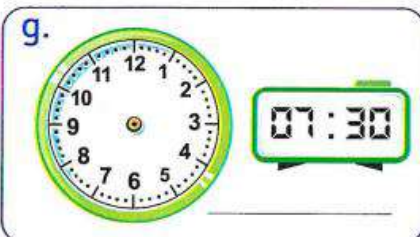
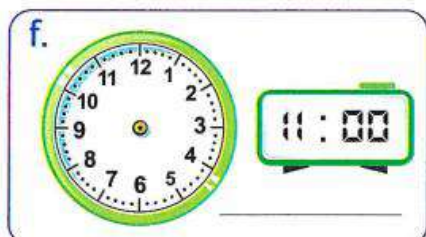
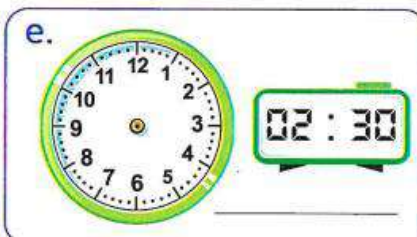
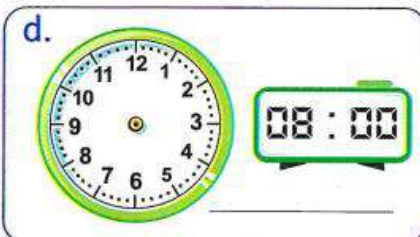
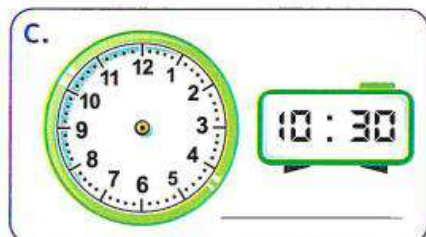
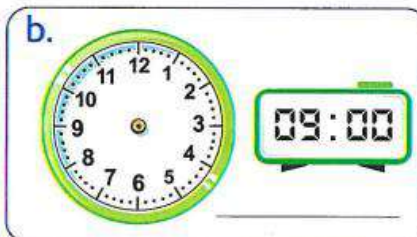
b. Half past 4

c. Half past 11

d. Half past 3



Draw the hour hand and the minute hand and write the time.
The first one is done for you.





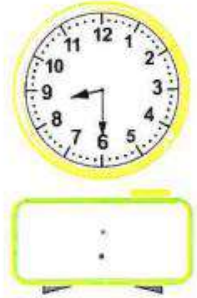
Homework

Show the time. Where are the hands ? Write the numbers. Write the time.
The first one is done for you.

- The hour hand is halfway between **2** and **3**
- The minute hand is at **6**
- **Half past 2**



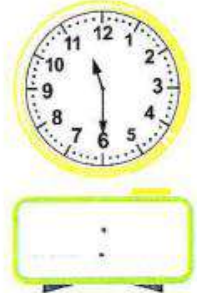
- The hour hand is halfway between _____ and _____
- The minute hand is at _____
- _____



- The hour hand is halfway between _____ and _____
- The minute hand is at _____
- _____



- The hour hand is halfway between _____ and _____
- The minute hand is at _____
- _____

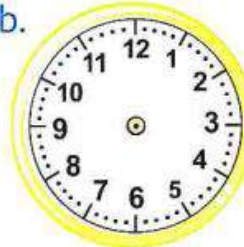


Draw the hour hand and the minute hand and write the time.
The first one is done for you.

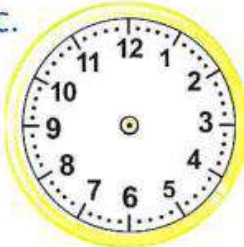
a.



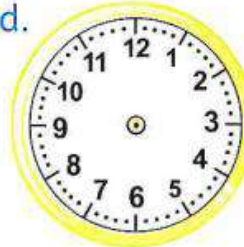
b.



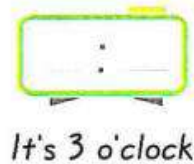
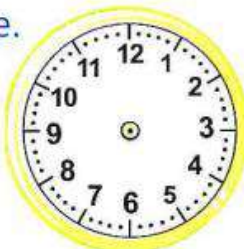
c.



d.



e.



f.

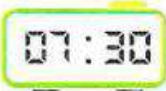




Put (✓) to the correct statement or (X) to the incorrect statement.

a.  The time is half past 3 ()

b.  The time is 2 o'clock ()

c.  The time is half past 7 ()

d.  The time is half past 11 ()

e.  The time is half past 12 ()

f.  The time is half past 9 ()



Write the time. Choose the correct answer.




quarter past 5 quarter to 5



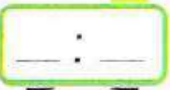

quarter past 11 quarter to 11




quarter past 9 quarter to 9




quarter past 4 quarter to 4

quarter past 12 quarter to 12




quarter after 2 quarter to 2

